prevent animal and human disturbance. The Catchment Area must be located wholly within land owned by the Developer and must not include areas of land used for effluent irrigation or other structures.

24. **A Catchment Management Plan must be submitted for approval by Council with any future development application for the construction of the dam or the next stage of development after Stage 1 to ensure the long term integrity of the Catchment Area. The Catchment Management Plan must also consider activities outside the designated catchment area that may adversely impact on the raw water quantity and quality.**

25. **The construction of the 60ML surface water impoundment dam must be the subject of further development consent. The Developer must obtain all necessary approvals/licenses required under the provisions of the Water Management Act.**

26. **A Water Supply Treatment Facility will be constructed on site to ensure that water sourced from catchment runoff and groundwater is suitable for potable use.**

27. **Each individual tenement within a multi-unit or mixed use building and each single dwelling house must have a separate tank with a trickle feed top up system to meet water supply requirements. The trickle feed system will have a activation trigger point at 25% of the tank capacity. When the water level in each tank is at 25% of tank capacity the tanks must be filled to 50% of tank capacity by the trickle feed system over a continuous period of 20 hours. The following minimum tank sizes and roof areas must be provided:**

USE	Minimum Tank Capacity (kL)	Minimum Roof Area (m^2)
Residential		
1 bed apartment	**20**	**60**
2 bed apartment	**25**	**120**
3 bedroom dwelling	**50**	**180**
>3 bedroom dwelling	**50**	**240**
Commercial & Retail	**0.2 per m^2 of GFA**	**0.5 GFA**
Restaurant & Food Outlets	**0.4 per m^2 of GFA**	**0.5 GFA**

Notes:
GFA: Gross Floor Area

28. **Each tank must be internally plumbed to provide water for potable purposes within each tenement or dwelling. This must not include water for toilet flushing purposes or for external usage which is to be provided from recycled effluent. The potable water supply system must be designed so that the first 1mm of roof runoff from each storm event will be diverted from the supply and wasted as first flush protection. Each tank must connect directly to an under-bench UV disinfection system which will be operated to prevent microbial contamination. Each tank system, including the disinfection equipment, must be inspected annually by a qualified person acting under the control of the Community Association, and repaired and maintained as required.**

29. **The Developer must comply with the requirements of the provisions of the Water Industry Competitions Act and, where required, obtain all necessary approvals and licenses for the provision and operation of water supply infrastructure, including recycled water.**
30. **Prior to the occupation of any future domestic, residential or commercial structure in any stage of the development provided with a water supply, including individual tank supplies, the Community Association must provide to each individual household and commercial tenement a Water Supply Management Plan. The Plan must be prepared in general accordance with the NSW Health *Private Water Supply Guidelines* and NSW Health *Guidance on use of rainwater tanks*. The Plan must include the responsibilities of both the occupier and the Community Association and 24 hour emergency contact details of the Community Association.**

31. **Approval for any subsequent stage of development after stage 1 must not be granted unless Council is satisfied of the adequacy of the technical performance of the water supply infrastructure and the sinking fund or financial arrangements required to cover the costs related to the water supply infrastructure for the next stage of the development.**

Population Density Restrictions

32. **The density of development must be restricted at each and any stage by reference to the capacity of the proposed sewerage treatment plant (STP) and in any event the population density of the development is not to exceed 1000 Persons at any time. Such population density includes all employees and any persons occupying any form of tourist accommodation.**

Sewerage and Waste Water

33. **The development will not have access to, or be serviced by, TSC sewerage systems. All sewerage and waste water systems for the**

development must be self sustaining. No separate on-site sewerage systems will be allowed or installed for individual dwellings or non-residential uses. No pump-out systems or disposal of sewage by tanker or other means will be permitted. All waste water generated by each and every stage of the development must be collected, treated, stored and reused within the development.

34. The Developer must provide an on-site waste water treatment system with sufficient capacity to treat waste water from the development and be designed such that it can handle low initial flows as well as the ultimate design load. The ultimate design load is limited to 1100 EP. The disposal of sewage by tanker from the development is not permitted at any stage. The effluent quality from the sewerage treatment plant must comply with the Australian Guidelines for Water Recycling for water for the residential reuse and public irrigation areas proposed and with the requirements set out in the table below as a minimum. If other more stringent quality criteria are required either by a licence under the POEO Act or any other statutory or licence provisions, then the higher standard must be met.

Parameter	Requirement
pH	6.5 – 8.5
Suspended Solids	<10mg/L
BOD	<10mg/L
Total Nitrogen	5mg/L 90%ile, 10mg/L 100%ile
Total Phosphorous	1mg/L 90%ile, 3mg/L 100%ile
Coliform/E.Coli	<1 cfu/100mL
Turbidity	<2 NTU 95%ile, <5 NTU max.
Total Dissolved Solids	<500 mg/L 90%ile <1000 mg/L 100%ile
Coliphages	<1 pfu/100mL
Clostridia	<1 cfu/100mL
Disinfection	Chlorine residual 0.2 – 2.0 mg/L

35. The Developer must determine if Water Industry Competition (WIC) Act licences are required for the sewerage collection and treatment system, and obtain such licences if required.

36. The waste water treatment system must be designed to have the ability to endure a breakdown of a minimum of seven days duration without overflow to the environment.

37. Sewerage pump stations must be designed to achieve a very low risk of overflow to the environment in accordance with the Department of Environment and Climate Change (DECC) Licensing Guidelines for Sewage Treatment Systems - Risk Assessment Guideline, and may require more storage than the minimums specified in Council's Design Specifications and WSAA 04 Pump Station Code of Australia.

38. The waste water treatment system must provide an effluent irrigation system on a suitable area of land with a minimum of 20ML of usable storage capacity (not including free board requirements and volume below bottom operational water level) for effluent storage during periods of wet weather and when the soil conditions are not suitable for irrigation. The storage must be designed that there can be no uncontrolled discharge of effluent but may make provision for a controlled precautionary discharge that will prevent uncontrolled over-topping of the storage to be made in no more than 25% of years, such discharges to be timed to coincide with peak flow events in the Tweed River so as to maximise dilution. Note: A licence under the POEO Act will be required to permit this discharge.

39. The sewage collection and pumping main systems must be designed and constructed in accordance with Tweed Shire Council Subdivision Design and Construction Specifications and relevant WSAA Codes and in accordance with the Department of Environment and Climate Change (DECC) Licensing Guidelines for Sewage Treatment Systems - Risk Assessment Guideline.

40. The STP will be designed to permit construction in stages to meet relevant population requirements of the development as it proceeds. During initial stages of development when sewage flows from the development will be low, such flows will be augmented by water provided by the Developer to ensure that septicity is avoided and treatment efficacy maintained. Pump out systems, tankering of waste water on public roads and individual on-site sewerage systems are not permitted.

41. Prior to the submission of any subsequent development application to create additional allotments or to expand the capacity of the STP, the Developer must submit a performance report to Council which provides details of the viability of the STP and effluent reuse facilities up to that time, particularly in respect of financial and technical performance.

In addition, the Developer (or Community Association after its creation and incorporation) is to provide the Council with six

monthly performance reports on the technical performance and financial viability of the STP and sewerage management system for the life of the development.

42. Approval for any subsequent stage of development after Stage 1 must not be granted unless Council is satisfied of the adequacy of the technical performance of the STP and the sinking fund financial viability required to cover the costs related to the STP and sewerage infrastructure for the next stage of the development.

43. Prior to the sale of any residential or commercial unit, the Developer must provide details of the community association accounts to all prospective purchasers.

Water Quality

44. The Developer must provide sufficient water quality management infrastructure to ensure compliance with Council's requirements, as set out in specification D7 of Section A5 of the TDCP.

45. No existing water bodies on the whole site are to be used for water quality management, and analysis must demonstrate that runoff entering such bodies after treatment already satisfies the requisite standards.

46. A water quality monitoring program is to be undertaken weekly during any earthworks and construction activity for any runoff from exposed areas of the site, and is to continue until stabilisation of any exposed areas. Parameters to be measured include pH and suspended solids (mg/L), and criteria must accord with the following table:

Parameter	Requirement
pH	6.5 – 8.5
Suspended Solids	<50mg/L

Any runoff to the Tweed River or to existing water bodies, watercourses and dams that breaches the above standards must be reported to Council and the report must include adaptive management measures proposed to rectify the breach. Water quality monitoring results must be available to Council on request.

47. Environmental safeguards (silt curtains, booms etc.) are to be utilised during construction/installation of the bridges or in-stream structures to ensure there is no escape of turbid plumes into the aquatic environment. Erosion and sediment controls must be in place prior to commencing, during and after works until exposed areas are stabilised.

48. Sand, gravel, silt, topsoil or other materials must not be stockpiled within 50 metres of the Tweed River or existing damson Lot 121 DP134446 unless surrounded by sediment control measures adequate to prevent escape of stockpiled material.

49. Permanent stormwater quality treatment must be provided in accordance with the following:

(a) The Construction Certificate Application must include a detailed stormwater management plan (SWMP) for the occupational or use stage of the development prepared in accordance with Section D7.07 of Councils *Development Design Specification D7 - Stormwater Quality*.

(b) Permanent stormwater quality treatment must comply with section 5.5.3 of the Tweed Urban Stormwater Quality Management Plan and Councils Development Design Specification D7 - Stormwater Quality.

(c) The stormwater and site works must incorporate water sensitive design principles and where practical, integrated water cycle management. Typical water sensitive features include infiltration, maximising permeable/landscaped areas, stormwater retention /detention/reuse, and use of grass swales in preference to hard engineered drainage systems.

50. The Community Management Statement must require the Community Association to be responsible for installation and maintenance of signage sufficient to clearly indicate the prohibition of cats and dogs at any and all entrances to the development at all times.

Provision and Funding of Community Association Infrastructure

Legal Tenure Over The Infrastructure Land

51. Development Consent must not be granted to any future development application for any stage of the development and/or any development application or approval concerning the physical construction of the Community Association Infrastructure unless Council is satisfied that satisfactory legal arrangements are in place for access by the Developer and the Community Association (including easements and other necessary restrictions, covenants agreements or the like) to current Lot 4 in DP 737440 and the Infrastructure Land.

52. The Community Association must have a suitable legal tenure of all Community Association Infrastructure and over all Infrastructure Land containing Community Association Infrastructure including water supply infrastructure, waste water collection, conveyance and treatment infrastructure, effluent disposal infrastructure, recycled water supply infrastructure, stormwater infrastructure

including treatment measures, environmental open space, asset protection zones, agricultural buffer zones, catchment area for water supply. Development Consent must not be granted to any Stage of the development after Stage 1 unless Council is satisfied with the arrangements for legal tenure of the Community Association Infrastructure and the Infrastructure land containing Community Association Infrastructure.

Creation of Sinking Fund by Developer before establishment of Community Association

53. Prior to the community title subdivision and the creation and incorporation of the Community Association and before any future development or stage after Stage 1, a sinking fund or funds must be established by the Developer which is to provide for the on going operation, servicing, maintenance, renewal and replacement of Community Association Infrastructure. This sinking fund or funds is to be transferred to the Community Association upon its creation and incorporation so as to form the sinking fund required to be established and managed under the CLD Act.

Maintenance and Increase Of Sinking Fund And Infrastructure By Developer

54. Prior to any development or stage after Stage 1, the sinking fund or funds must be maintained by the Developer so that the on going operation, servicing, maintenance, renewal and replacement of Community Association Infrastructure can occur notwithstanding that the Community Association is or may be incapable of levying sufficient funds to attend to the same.

55. Development consent or other approval must not be granted to any development of the Village and/or Community Land or Infrastructure Land after Stage 1 unless the Developer has provided evidence to Council, and Council is satisfied, that there are adequate funds in the sinking fund or funds to provide for the future needs for the ongoing operation, servicing, maintenance, renewal and replacement of Community Association Infrastructure. If Council considers the funds are inadequate, the fund must be increased by the Developer by cash deposit by way of gift and not by way of loan. Evidence as to adequacy of the sinking funds must be in the form of a detailed report by a suitably qualified and independent financial auditing consultant with expertise in the operation of sinking funds and must include input from an engineering consultant with expertise in water supply infrastructure, waste water collection, conveyance and treatment infrastructure, effluent disposal infrastructure, recycled water supply infrastructure, stormwater infrastructure including treatment measures, catchment for water supply, environmental open space and asset protection zones, agricultural buffers and riparian buffer zones.

56. Prior to the creation and incorporation of the Community Association and before any future development or stage after Stage 1, development consent or other approval must not be granted to any development of the Village, Community Land or Infrastructure Land after Stage 1 unless the Developer has provided evidence to Council, and Council is satisfied, that the performance of any Community Association Infrastructure is adequate.

Transfer Of Sinking Fund And Infrastructure to Community Association and Maintenance of Sinking Fund and Infrastructure After Transfer from Developer

57. Upon creation and incorporation of the Community Association, the Developer must transfer the sinking fund or funds for the Community Association Infrastructure to the Community Association. The Developer must not transfer the sinking fund or funds unless the Developer has provided evidence to Council, and Council is satisfied, that there are adequate funds in the sinking fund to provide for the future needs for Community Association Infrastructure. If Council considers the funds are inadequate, the fund must be increased by the Developer by cash deposit by way of gift and not by way of loan. Evidence as to adequacy of the sinking funds must be in the form of a detailed report by a suitably qualified and independent financial auditing consultant with expertise in the operation of sinking funds and must include input from an engineering consultant with expertise in water supply infrastructure, waste water collection, conveyance and treatment infrastructure, effluent disposal infrastructure, recycled water supply infrastructure, stormwater infrastructure including treatment measures, catchment for water supply, environmental open space and asset protection zones, agricultural buffers and Riparian Buffer Zones.

58. Upon creation and incorporation of the Community Association, the Developer must, to the extent not already effected or implied by law, act to transfer the Community Association Infrastructure constructed at that time to the Community Association. The Developer must not transfer the Community Association Infrastructure to the Community Association unless the Developer has provided evidence to Council, and Council is satisfied, that the performance of any Community Association Infrastructure is adequate.

59. Subject to other conditions of this consent, after the creation and incorporation of the Community Association, the Community Association must be responsible for the operation, maintenance and eventual replacement of all Community Association Infrastructure. The Community Association must maintain the sinking fund or funds transferred to it by the Developer sufficient to cover all anticipated costs of the Community Association Infrastructure in perpetuity, and must appropriately levy residents and owners within the development to maintain this sinking fund at

the required level at any specified time. Such matters mus be set out in the Community Management Statement.

60. Prior to the sale of any residential lot or dwelling or commercial unit, the Developer must provide details of the sinking fund or funds for the Community Association Infrastructure to all prospective purchasers

61. The Community Management Statement must include:

(a) the requirement for the Community Association to maintain the sinking fund and report to Council upon its adequacy at periods of not less than three years, in the form of a detailed report by a suitably qualified and independent financial auditing consultant with expertise in the operation of sinking funds and must include input from an engineering consultant with expertise in water supply infrastructure, waste water collection, conveyance and treatment infrastructure, effluent disposal infrastructure, recycled water supply infrastructure, stormwater infrastructure including treatment measures, environmental open space and asset protection zones, agriculture buffers and Riparian Buffer Zones.

(b) the requirement that the Community Association make up any short fall in the sinking fund indentified by the report within 12 months.

62. Establishment, maintenance and management of any Bushfire Asset Protection Zones required in accordance with this consent and *Planning for Bushfire Protection Guidelines* must be the responsibility of the Community Association. This responsibility must be reflected within the Community Management Statement.

63. Maintenance, management and ongoing rehabilitation of environmental open space areas is to be undertaken by the Developer and the Community Association in accordance with the conditions of this consent and the approved Environmental Open Space Management Plan (EOSMP) and Threatened and Significant Protected Species Management Plan required at Stage 1. This responsibility including funding requirements and responsibilities must be reflected within the Community Management Statement.

64. Maintenance, management and ongoing rehabilitation of the agricultural buffers and asset protection zones are to be undertaken by the Developer and the Community Association in accordance with conditions of this consent and the approved agricultural buffer management plan and the asset protection zone management plan required at Stage 1. This responsibility including funding requirements and responsibilities must be reflected within the Community Management Statement.

Protected Archaeological Areas (NV1 and NV4)

65. The Protected Archaeological Areas as identified on the Village plan (Diagram 2) and Staging Plan (Diagram 3) are to be preserved with no work, building or sub-surface impacts to occur on these areas during construction or operational phases of the development and/or use of the site.

66. During the construction of adjacent areas of the development site (including road and sewer works), the Protected Archaeological Areas must be fenced to a standard required, and for the duration determined by the Tweed Byron Local Aboriginal Land Council.

Future Archaeological Investigation Areas (NV1, NV3, MS2 and NVIF2)

67. Prior to the lodgement of any future development application relating to development on land within an area of further archaeological investigation as identified on the Village Plan (Diagram 2) and Staging Plan (Diagram 3):

(a) an application pursuant to section 87 of the *National Parks and Wildlife Act, 1974* must be made to the Director-General of the Department of Environment and Climate Change (DECC) for a permit to investigate these areas for the purposes of discovering an Aboriginal object;
(b) further archaeological test excavations should be carried out to determine their extent and significance by a suitably qualified archaeologist in consultation with the local aboriginal community.

68. The results of these s87 investigations will determine the degree of constraint or opportunity the investigation areas might represent to the proposal and are to be provided to Council with any development application for any further stage affecting the areas.

69. The section 87 applications identified in condition 67 above must:

(a) be accompanied by a copy of the Aboriginal Heritage Report and an Archaeological Research Design for the proposed investigation area; and
(b) identify the interest of the Tweed Byron Local Aboriginal Land Council and other registered Aboriginal stakeholders.

S90 Aboriginal Heritage Impact Permit Items (NV2, NV5 and NVIF1)

70. Prior to the lodgement of any future development application relating to development on land that requires a "s90 Aboriginal Heritage Impact Permit (with collection) Item" as identified on the Village Plan (Diagram 2) and Staging Plan (Diagram 3), an application pursuant to section 90 of the *National Parks and Wildlife Act, 1974* must be made to the Director-General of the DECC for a permit (with collection) to remove these items from their current location. Any artefacts in those areas are to be collected and

interpreted in accordance with that permit and in consultation with the Local Aboriginal Community.

71. The s90 application identified in condition 70 above must:

(a) be accompanied by a separate application for a care agreement for Aboriginal objects; and

(b) identify the interest of the Tweed Byron Local Aboriginal Land Council and the other registered Aboriginal stakeholders.

Aboriginal Heritage Display

72. The Aboriginal artefacts collected under any s90 permit (condition 70) and retrieved under any s87 permit (condition 67) must be retained at a secure location on the site and form part of an Aboriginal Heritage Display to be included in that application.

73. The location and the nature of the Aboriginal Heritage Display must be developed in consultation with the relevant Aboriginal stakeholders.

Additional Archaeological Investigations

74. Prior to the granting of consent to any further stage relating to development of the sewerage and water supply infrastructure, including but not limited to gravity feed trenches between the STP and the irrigation areas as identified on the Concept Plan (Diagram 1), and any surface water impoundment (dam), an archaeological survey of these areas must be carried out to determine whether there are any Aboriginal objects in these areas.

Aboriginal Cultural Heritage and Assessment Management Plan

75. In order to preserved that Aboriginal significance of the site the recommendations set out in the Aboriginals Cultural Heritage and Assessment Management Plan are to be carried out prior to any further development after Stage 1.

Riparian Buffer Zone within Environmental Open Space

76. A Riparian Buffer Zone (RBZ) generally a minimum of 50 metres between any development and each high bank of the Tweed River must be provided to Council's satisfaction. Minor exceptions to the 50m RBZ requirement may be permitted for the main entry road and bridges into the development. The footprint of all proposed buildings must be outside of this 50-metre buffer. The 50-metre Riparian buffer will comprise a 30 metre core buffer of dense local native vegetation, rehabilitated or replanted as necessary, and ranging from the surveyed top of bank to a line 30 metres from the high bank perpendicular to the river; and a 20 metre outer buffer of planted native vegetation of lesser density which has some limited potential for compatible or existing land uses, such as parkland and

other recreational uses. The Community Management Statement is to make appropriate provision for maintenance of the RBZ.

77. **Tourism, special uses and market garden uses are not permitted within the Riparian Buffer Zone.**

78. **Prior to the commencement of any works a highly visible and durable traffic barrier must be erected parallel with the surveyed top of river bank and located at the eastern extent of the dripline of riparian vegetation for the full length of the development site. No machinery must enter beyond the traffic barrier and no stockpiling or storage of materials, plant or equipment must occur within this zone, or in any case within 20 metres of the river top of bank. The traffic barrier is to remain at all times during earthworks and construction activities but may be removed between development stages.**

Agricultural Buffer

79. **An agricultural buffer in accordance with Tweed Development Control Plan Section A5 Subdivision Manual must be provided between the Village site and adjoining lands. All buffers are to be located within either the Village site (currently Lot 121 DP134446) or Lot 4 DP 737440. An Agricultural Buffer Management Plan is to be prepared and to be submitted to Council for approval by the Council or delegate prior to the issue of a construction certificate for Stage 1 and is to include at a minimum composition, maintenance and management of the said buffer. The Agricultural Buffer Management Plan is to incorporate the principles set out in the NSW Department of Primary Industries, publication titled "Living and Working in Rural Areas - A handbook for managing land use conflict issues on the NSW North Coast" The Agricultural Buffer Management Plan is to be cognisant of bush fire management issues and is to be consistent with the specifications of the development's Asset Protection Zone Management Plan.**

Asset Protection Zones

80. **Asset protection zones must be provided in accordance with the Planning for Bushfire Protection Guidelines 2006 and Tweed Shire Council Development Control Plan Part A5 - Subdivision Manual. An Asset Protection Zone Management Plan is to be prepared and is to be submitted to Council for approval by the Council or delegate, prior to the issue of a construction certificate for Stage 1, and is to include details concerning the locations, dimensions, forms, maintenance and management of the Asset Protection Zones. The Asset Protection Zones are to be in accordance with Planning for Bushfire Protection Guidelines 2006. The Asset Protection Zone Management Plan is to be cognisant of threatened species management issues and be consistent with the specifications of the approved Threatened and Significant Protected Species Management Plan. All asset protection zones are to be located within either the Village site (currently Lot 121 DP134446) or Lot 4 DP 737440.**

Threatened and Significant Protected Species Management Plan

81. A Threatened and Significant Protected Species Management Plan (TSPSMP) must be prepared and submitted to Council for approval prior to the issue of a construction certificate for Stage 1. The TSPSMP must consider both construction and operational phase avoidance and mitigation measures and must include as a minimum:

(a) Measures to conserve Koalas (Phascolarctus cinereus) and their habitat including details of Koala usage of Lot 121 DP 134446 and Lot 4 DP 737440 and measures to be undertaken to avoid or mitigate impacts from known threats to Koalas arising from urban development being road strike, loss and degradation of habitat, dog attack and drowning. The Management Plan is to include a plan identifying the location of the primary koala food trees.

(b) Measures to conserve Green-leaved Rose Walnut (*Endiandra muelleri subsp. bracteata*) and their habitat, including measures to be undertaken to avoid or mitigate impacts from known threats to Green-leaved Rose Walnut arising from urban development being clearing and fragmentation of habitat for development and road-works, infestation of habitat by weeds, frequent fire and trampling by visitors. The Management Plan is to include a plan identifying the location of the Green-leaved Rose Walnut.

(c) Measures to conserve any further threatened species and their habitats that may be located during development of Lot 121 DP 134446 and Lot 4 DP 737440.

(d) Measures to conserve Platypus (Ornithorhynchus anatinus) and their habitat including measures to be undertaken to avoid or mitigate impacts from known threats to Platypus arising from urban development including loss or damage to river banks and burrows and pollution, algal growths and siltation of waterways.

Environmental Open Space Management Plan

82. The Developer must lodge with the Council for approval prior to the issue of a construction certificate for stage 1 an Environmental Open Space Management Plan (EOSMP) for all areas of Environmental Open Space as indicated on the Village Plan. The EOSMP must not conflict with any provisions of the TSSMP, Asset Protection Zone Management Plan or Agricultural Buffer Management Plan and must separately address the treatment, function, maintenance and management of the following:

a. the Tweed River Riparian Buffer Zone;

b. the northern environmental open space containing the Green-leaved Rose Walnuts;

c. Primary Koala Food Trees, and

d. Fig trees and other significant native trees within Environmental Open Space. The EOSMP must provide for improved biodiversity outcomes and contain the following as a minimum:

- **aims and objectives;**
- **sufficient background information and site assessment to justify the proposed works,**
- **description of specific ecological restoration and management actions including the timeframe required to meet each particular outcome;**
- **details of ongoing monitoring and reporting requirements including measurable outcomes;**
- **contingency planning options in the case of system failure or natural events which hinder progression; and**
- **means of ensuring rehabilitation for a minimum five-year period and ongoing management by the Community Association in perpetuity.**

83. Development must be undertaken in accordance with the requirements of the following approved management plans-

- **Threatened and Significant Protected Species Management Plan**
- **Environmental Open Space Management Plan**
- **Asset Protection Zone Management Plan**
- **Agricultural Buffer Management Plan**
- **Catchment Management Plan**

Effluent Irrigation Scheme Buffer

84. Effluent irrigation areas and irrigation infrastructure must be separated by appropriate buffer zones from neighbours, residential areas and sensitive environments to ensure the protection of the locality's amenity, ground and surface waters and other environmental and social values. The effluent irrigation areas and infrastructure buffers must be provided in accordance with the requirements of the *Environmental Guidelines: Use of Effluent by Irrigation* prepared by the Department of Environment and Conservation (NSW) 2004 (now the Department of Environment and Climate Change), the Australian *Guidelines for Water Recycling* by the Natural Resource Management Ministerial Council, Environment Protection and Heritage Council and the National Health and Medical Research Council and other relevant accepted standards.

Other approvals / Requirements

85. A permit under ss198-202 of the Fisheries Management Act 1994 for dredge and reclamation activities must be obtained prior to commencement of any such works.

86. No approval is granted for the removal of any Primary Koala food trees, being Forest Red Gum (*Eucalyptus tereticornis*), Tallowwood (*Eucalyptus microcorys*) and Small-fruited Grey Gum (*Eucalyptus propinqua*). The location of these trees are to be identified, marked and mapped on site prior to commencement of construction for each stage. These trees must be protected throughout the development site during construction works and operational phases of the development.

87. Water and sewer pipelines, dams, STP, water treatment facilities and effluent irrigation areas outside the Village Plan (Diagram 2) area must be located so to avoid removal of native vegetation to the greatest extent possible.

88. Prior to the granting of consent to any further stage relating to development of the sewerage and water supply infrastructure including gravity feed trenches between the STP and the irrigation areas as identified on the Concept Plan (Diagram 1) and any surface water impoundment (dam), an ecological survey of these areas must be carried out to determine the ecological significance of these areas and to ensure areas of ecological significance are not adversely affected.

89. Conduits and access pits for optic fibre cable are to be installed within the public road reserves.

90. The Developer must ensure that legal tenure and/or arrangements suitable to the Council are in place in the event that any services or Community Association Infrastructure are required to be located in or on any of the Public Roads dedicated to TSC.

Landscaping

91. A detailed landscape plan must be formulated for each Stage and must be submitted with the Development Application for each Stage and approved by Council or delegate prior to issue of consent for that stage. The plan must be prepared by a landscape architect or landscape consultant to a standard acceptable to Council or delegate. The plan must provide use of a minimum of 90% local native species and prohibit use of species that are known environmental weeds and must include the following documentation:

a) A site plan (at 1:100 to 1:1000 scale) showing the existing features, including north point, access road and an outline of proposed buildings indicating doors and windows. Any trees

to remain in the vicinity are to be located to scale and identified by botanical and common names.

b) Proposed and existing site services, including water, gas, electricity, sewer, stormwater, etc.

c) Easements on or adjacent to the site.

d) View lines to and from the development and details of pedestrian access and circulation areas within and around the development, including retaining walls, seating, fences, gates, decorative features etc.

e) Additional survey plan showing the location, canopy spread, trunk diameter, height and names of those existing tree/s and significant tree/s adjacent to the site likely to be affected by the development. The plan must also include the existing ground levels at the base of the trunk of the tree/s as well as at the drip lines of the tree/s.

f) Existing and proposed ground levels (shown as spot heights and/or contours over the site and direction and degree of slope) indicating the site boundaries, and the base of the trees proposed to be planted or that are to be retained (if applicable).

g) Sectional elevations through the site showing the existing and proposed ground lines, building elevations and proposed plantings.

h) Construction details of planter boxes (including width and depth), paving, edging, fencing, screening, panels and other hard landscape components. As far as possible deep root zones must be provided for large trees and paving is to be porous. Paving works within 2m of the trunk of the large trees must be constructed in such a way as to ensure the existing moisture infiltration and gaseous exchange to the tree root system is maintained.

i) Planting details for the preparation and planting of tube and potted plants, super-advanced plants, bare-rooted stock and any other planting.

j) A detailed plant schedule and plan at a scale of 1:100 to 1:1000 indicating the location of all proposed planting and any existing vegetation to be retained on and adjacent to the site. The plan is to include a detailed plant schedule which must include;

- **species listed by botanical and common names, with the majority of plants constituting local native species;**

- **specific location, planting densities and quantities of each species; pot sizes; the estimated sizes of the plants at maturity, and proposed staking methods, if applicable.**
- **maintenance methods including the use of drip irrigation and mulching or groundcovers to reduce bare soils areas and including a maintenance schedule for a minimum period of one year after completion of landscaping on site.**

Easements and Restrictions

92. In addition to the Easements and Restrictions which may be necessary or required elsewhere in these conditions of consent, and without limitation the creation of easements for services, access rights of carriageway and restrictions as to user will be necessary under Section 88B of the Conveyancing Act.

93. As a minimum the following easements for services, rights of carriageway and restrictions as to user under Section 88B of the Conveyancing Act are to be created to Council's satisfaction:

(a) Easements for drainage over ALL public services and Infrastructure on private property. Burden: Various. Benefit: TSC.

(b) A Restriction as to user prohibiting the construction of slab on ground dwellings in those areas that exceed a slope of 20% or more as nominated on sketch 103A – "slope analysis" prepared by Cardno. Burden: Relevant Titles. Benefit: TSC.

(c) A Restriction as to user requiring access arrangements on the allotments nominated on sketches 135A, 136A, 137A, 138A, 141A, 142A, 143A, 144A, 146A, 147A, 148A, 149A, 150A, 152A and 153A to be in accordance with the access detail shown on sketches 100A and 101A prepared by Cardno. Burden: Relevant Titles. Benefit: [Clarify].

(d) A Restriction as to user requiring that the land designated "Tourism & Special Uses" in the south western corner of the development on Concept Plan must not contain any permanent or temporary accommodation. Land uses in this area must be flood compatible, and not create any significant adverse impacts on surrounding land or local flood behaviour. Burden: Relevant Titles. Benefit: TSC.

(e) Easement for fire egress. Burden: Proposed Lot 12. Benefit: Community Land

(f) Easement for private services (water, sewage, power and telecommunication) under the roads. Burden: Community Land Benefit: Each service provider

(g) Easements for access and construction, Burden: Proposed Lot 12 and Community Land. Benefit: Community Land and TSC

(h) Easement for trickle feed reticulation system - for the treated water from the STP and water impoundment area. Burden: Proposed Lot 12. Benefit: Community Land and TSC.

(i) Restriction as to user - land in water catchment area must remain in natural undeveloped state. Burden: Proposed Lot 12. Benefit: Community Land and TSC.

(j) Restriction as to user regarding density of village use and a restriction to a maximum of 1000 persons being present at any time Burden: Community Land. Benefit: TSC.

(k) Restriction as to user regarding no dogs or cats. Burden: Community Land. Benefit: TSC

(l) Easements for access to construct, operate and maintain Sewer Treatment Plant and Water Treatment Plant etc. including the erection and maintenance of all plant and equipment forming part of the Infrastructure Burden: Proposed Lot 12. Benefit: Community Land and TSC.

(m) Easement for access and covenant to maintain asset protection zone. Burden: Proposed Lot 12. Benefit: Community Land and TSC.

(n) Restriction as to user regarding environmental open space buffer - minimum of 50 metre buffer to be maintained between development and each high bank of the Tweed River. Burden: Community Land. Benefit: TSC

(o) Easement for pipes to and from the Sewerage Treatment Plant and Water Supply Systems to the village Burden: Proposed Lot 12, Infrastructure Land and Community Land. Benefit: Community Land.

(p) Easement for electricity to and from the Sewerage Treatment Plant and Water Supply Systems to the Community Land. Burden: Proposed Lot 12, Infrastructure Land and Community Land. Benefit: Community Land.

(q) Easement for emergency egress from the development site. Burden: Proposed Lot 12 and Infrastructure Land. Benefit: Community Land

(r) Right of carriageway - specifically the right to use and maintain all existing and future access roads. Burden: Proposed Lot 12. Benefit: Community Land.

(s) Easement for storage of treated water - allowing the storage tank to remain on the land. Burden: Proposed Lot 12. Benefit: Community Land and TSC.

(t) Easement for pipes to the effluent irrigation areas - being the pipe network running from the compound to the 4 holding and irrigation areas. Burden: Proposed Lot 12. Benefit: Community Land and TSC.

(u) Right of access to and use make up water from dams - short term right for operational needs for so long as required for purposes of topping up treated water system so that it is operational. Burden: Proposed Lot 12. Benefit: Community Land.

(v) Right for fencing - in and around the water courses and Sewerage Treatment Plant and Water Treatment Plant compound and irrigation areas. Burden: Proposed Lot 12. Benefit: Community Land.

(w) Restriction as to user – establishing buffer zones around all effluent irrigation areas and irrigation infrastructure so that they are separated from neighbours, residential areas and sensitive environments. Burden: Proposed Lot 12 Benefit: TSC

(x) Restriction as to user around Protected Archaeological Areas as identified on the Village Plan and Aboriginal Heritage Display and an obligation to fence and protect the protected Archaeological Areas and exhibits Burden: Community Land Benefit: TSC

94. Pursuant to Section 88BA of the Conveyancing Act (as amended) the Instrument creating the right of carriageway/easement must make provision for maintenance of the right of carriageway/easement by the owners from time to time of the land benefited and burdened and are to share costs equally or proportionally on an equitable basis.

95. Any Section 88B Instrument creating Restrictions as to user, Rights of carriageway or Easements which benefit TSC must contain a provision enabling such restrictions, easements or rights of way to be revoked, varied or modified only with the consent of TSC.

96. Community Association Infrastructure on the Community Land may be subject to the creation of statutory restrictions, easements etc in accordance with the Community Land Development Act, Strata Titles Act, Conveyancing Act, or other applicable legislation.

Community Management Statement

97. Without limitation and in addition to anything required to be in the CMS elsewhere in these conditions of consent, the CMS must provide for the matters set out in condition 98 at a minimum.

98. The following items must be included in the Community Management Statement (CMS) and may in part be also included in other conditions of this consent:

(a) The use of recycled water a requirement for each individual occupancy to have a separate tank for water usage and the adoption by the Community Association for the usage and operation of the potable and non-potable water supply systems.

(b) The fresh water supply for the Village is to be sourced from rainwater and a surface water impoundment area of not less than 10 hectares providing a minimum storage volume of 60 ML and subject to the controls and restrictions set out in these conditions of consent. The establishment and management of this catchment area is to be subject to a Catchment Management Plan which is to be adopted by the Community Association.

(c) The Community Association must ensure disclosure of all known or potential levies at all times to all members of the Association and the CMS must indicate that all members of the Association must make full disclosure of all known and potentially advised levies to proposed purchasers of any property within the Village.

(d) The Aboriginal Heritage Display contemplated by Conditions 72 and 73 shall be maintained and operated by the Community Association in consultation with the Tweed Byron Local Aboriginal Land Council at the expense of the Community Association.

(e) The Community Association must acknowledge its responsibility to adopt and implement at its own expense and thereafter comply with and manage the following:

(i) Emergency Response Plan;
(ii) Catchment Management Plan;
(iii) Agricultural Buffer Management Plan;
(iv) Environmental Open Space Management Plan
(v) Asset Protection Zone Management Plan;
(vi) Threatened and Significant Protected Species Management Plan;
(vii) Effluent Irrigation Management Plan;
(viii) Aboriginal Cultural Heritage Assessment and Management Plan;
(ix) Traffic Control Plan;
(x) Landscape Plan;
(xi) Stormwater Management Plan;
(xii) Water Supply Management Plan

Public Authority By-Laws to be created

99. The CMS must provide for Public Authority By-Laws be created addressing the matters set out in condition 100 as a minimum.

100. The following are the minimum required Public Authority By-laws to be drafted and adopted within the CMS.

(a) Acknowledgment that the terms of the Community Management Statement are binding on all members of the Community Association and may not be varied or altered either by variation to their own terms of or by the entry into any contract or obligation without the prior consent of TSC.

(b) Acknowledgement by all members of the Community Association that the terms and conditions of all easements for services, rights of carriageway and restrictions as to user having any involvement with the Community Association Infrastructure and whether sited on the Community Land or elsewhere shall not be varied, altered or in any way amended either directly or by the entry into any contract or obligation having that same effect without the prior consent of TSC.

(c) Acknowledgement that the owners and occupiers of the village and the Community Association have no right or entitlement to access or use of any TSC water, sewerage or drainage services and that they are entirely self-sufficient in this respect.

(d) Acknowledgement that the owners and occupiers of all Village Lots and the Community Association that the Community Association must acknowledge its responsibility to adopt and implement at its own expense and thereafter comply with and manage the following:
- **(i) Emergency Response Plan;**
- **(ii) Catchment Management Plan;**
- **(iii) Agricultural Buffer Management Plan;**
- **(iv) Environmental Open Space Management Plan;**
- **(v) Asset Protection Zone Management Plan;**
- **(vi) Threatened and Significant Protected Species Management Plan ;**
- **(vii) Effluent Irrigation Management Plan;**
- **(viii) Aboriginal Cultural Heritage Assessment and Management Plan;**
- **(ix) Traffic Control Plan;**
- **(x) Landscape Plan;**
- **(xi) Stormwater Management Plan;**
- **(xii) Water Supply Management Plan**

PART B – STAGE 1 DEVELOPMENT APPROVAL

General

101. Stage 1 development consisting of a six lot subdivision, carpark (69 cars and 3 bus bays), road bridge and public road works is to be undertaken in accordance with the following plans except where varied by the conditions of this consent:

(a) Subdivision Drawing Number 16387 B Rev.C prepared by B&P Surveys dated 16-10-07.

(b) Road Works Stage 1 Layout Plan Sketch 101 prepared by Cardno and Sketch No.s.100A, 103A, 104A, 110A, 111A, 113A, 114A, 130A, 131A, 132A, 133A, 134A, 135A, 136A, 139A, 140A and 142A prepared by Cardno.

(c) Aboriginal Cultural Heritage Assessment and Management Plan January 2009 prepared by Mary Dallas Consulting Archaeologists, and conditions 65 and 66 above.

[GEN0005]

102. The use of crushing plant machinery, mechanical screening or mechanical blending of materials is not authorised by this consent and requires a separate development application.

[GEN0045]

103. The Stage 1 subdivision is to be carried out in accordance with Tweed Shire Council Development Control Plan Part A5 - Subdivision Manual and Councils adopted Development Design and Construction Specifications.

[GEN0125]

104. Approval is given subject to the location of, protection of, and/or any necessary modifications to any existing public utilities situated within or adjacent to the subject property are to be protected and modified if necessary.

105. The deck level of the bridge over the Tweed River must be at or above the 100 year ARI flood level, or the level of Kyogle Road adjacent to the development, whichever is the lesser.

106. The Developer must obtain the written approval of Council for any proposed road/street names and these must be shown on the Plan of Subdivision accompanying the application for a Subdivision Certificate.

Application for road naming must be made on Council's Property Service Form and be accompanied by the prescribed fees as tabled in Council's current Revenue Policy - "Fees and Charges".

The application must also be supported by sufficient detail to demonstrate compliance with Councils Road Naming Policy.

Riparian Buffer Zone within Environmental Open Space

107. A Riparian Buffer Zone (RBZ) generally a minimum of 50 metres between any development and each high bank of the Tweed River must be provided to Council's satisfaction. Minor exceptions to the 50m RBZ requirement may be permitted for the main entry road and

bridges into the development. The footprint of all proposed buildings must be outside of this 50-metre buffer. The 50-metre Riparian buffer will comprise a 30 metre core buffer of dense local native vegetation, rehabilitated or replanted as necessary, and ranging from the surveyed top of bank to a line 30 metres from the high bank perpendicular to the river; and a 20 metre outer buffer of planted native vegetation of lesser density which has some limited potential for compatible or existing land uses, such as parkland and other recreational uses. The Community Management Statement is to make appropriate provision for maintenance of the RBZ.

Management Plans

108. Stage 1 must be undertaken in accordance with the requirements of the following approved management plans-

- **Threatened and Significant Protected Species Management Plan**
- **Environmental Open Space Management Plan**
- **Asset Protection Zone Management Plan**
- **Agricultural Buffer Management Plan**

[GEN0135]

Other approvals

109. A permit under ss 198-202 of the *Fisheries Management Act* 1994 for dredge and reclamation activities must be obtained prior to commencement of any such works.

110. No approval is granted for the removal of any Primary Koala food trees, being Forest Red Gum (*Eucalyptus tereticornis*), Tallowwood (*Eucalyptus microcorys*) and Small-fruited Grey Gum (*Eucalyptus propinqua*). The location of these trees are to be identified, marked and mapped on site prior to commencement of construction. These trees must be protected throughout the development site during construction works and operational phases of the development.

Protected Archaeological Areas (NV1 and NV4)

111. The Protected Archaeological Areas as identified on the Village plan (Diagram 2) and Staging Plan (Diagram 3) are to be preserved with no work, building or sub-surface impacts to occur on these areas during construction or operational phases of the development and/or use of the site.

112. During the construction of adjacent areas of the development site (including road and sewer works), the Protected Archaeological Areas must be fenced to a standard required, and for the duration determined by the Tweed Byron Local Aboriginal Land Council.

Prior to issue of construction certificate

113. The Construction Certificate will not be issued over any part of the site requiring a controlled Activity Approval until a copy of the approval has been provided to Council.

114. A survey and assessment for Platypus must be undertaken by a suitably qualified ecologist of the Tweed River aquatic habitat within the vicinity of the proposed bridge, carpark and footbridge prior to issue of the construction certificate. A copy of the survey and assessment must be provided to Council. Should Platypus (or other significant fauna or flora) be located, the Threatened and Significant Protected Species Management Plan must include measures to avoid or mitigate impacts arising from the development. Development is to be carried out in accordance with that plan component.

Agricultural Buffer

115. An agricultural buffer in accordance with Tweed Development Control Plan Section A5 Subdivision Manual must be provided between the Village site and adjoining lands. All buffers are to be located within either the Village site (currently Lot 121 DP134446) or Lot 4 DP 737440. An Agricultural Buffer Management Plan for the whole site must be prepared and to be submitted to Council for approval by the Council or delegate prior to the issue of a construction certificate for Stage 1 and is to include at a minimum composition, maintenance and management of the said buffer. The Agricultural Buffer Management Plan is to incorporate the principles set out in the NSW Department of Primary Industries, publication titled "Living and Working in Rural Areas - A handbook for managing land use conflict issues on the NSW North Coast" The Agricultural Buffer Management Plan is to be cognisant of bush fire management issues and is to be consistent with the specifications of the development's Asset Protection Zone Management Plan.

Asset Protection Zones

116. Asset protection zones must be provided in accordance with the Planning for Bushfire Protection Guidelines 2006 and Tweed Shire Council Development Control Plan Part A5 - Subdivision Manual. An Asset Protection Zone Management Plan for the whole site must be prepared and is to be submitted to Council for approval by the Council or delegate, prior to the issue of a construction certificate for Stage 1, and is to include details concerning the locations, dimensions, forms, maintenance and management of the Asset Protection Zones. The Asset Protection Zones are to be in accordance with Planning for Bushfire Protection Guidelines 2006. The Asset Protection Zone Management Plan is to be cognisant of threatened species management issues and be consistent with the specifications of the approved Threatened and Significant Protected Species Management Plan. All asset protection zones are to be located within either the Village site (currently Lot 121 DP134446) or Lot 4 DP 737440.

Threatened and Significant Protected Species Management Plan

117. A Threatened and Significant Protected Species Management Plan (TSPSMP) for the whole site must be prepared and submitted to

Council for approval prior to the issue of a construction certificate for Stage 1. The TSPSMP must consider both construction and operational phase avoidance and mitigation measures and must include as a minimum:

(a) Measures to conserve Koalas (Phascolarctus cinereus) and their habitat including details of Koala usage of Lot 121 DP 134446 and Lot 4 DP 737440 and measures to be undertaken to avoid or mitigate impacts from known threats to Koalas arising from urban development being road strike, loss and degradation of habitat, dog attack and drowning. The Management Plan is to include a plan identifying the location of the primary koala food trees.

(b) Measures to conserve Green-leaved Rose Walnut (*Endiandra muelleri subsp. bracteata*) and their habitat, including measures to be undertaken to avoid or mitigate impacts from known threats to Green-leaved Rose Walnut arising from urban development being clearing and fragmentation of habitat for development and road-works, infestation of habitat by weeds, frequent fire and trampling by visitors. The Management Plan is to include a plan identifying the location of the Green-leaved Rose Walnut.

(c) Measures to conserve any further threatened species and their habitats that may be located during development of Lot 121 DP 134446 and Lot 4 DP 737440.

(d) Measures to conserve Platypus (Ornithorhynchus anatinus) and their habitat including measures to be undertaken to avoid or mitigate impacts from known threats to Platypus arising from urban development including loss or damage to river banks and burrows and pollution, algal growths and siltation of waterways.

Environmental Open Space Management Plan

118. The Developer must lodge with the Council for approval prior to the issue of a construction certificate for stage 1 an Environmental Open Space Management Plan (EOSMP) for all areas of Environmental Open Space as indicated on the Village Plan. The EOSMP must not conflict with any provisions of the TSSMP, Asset Protection Zone Management Plan or Agricultural Buffer Management Plan and must separately address the treatment, function, maintenance and management of the following:

a. the Tweed River Riparian Buffer Zone;

b. the northern environmental open space containing the Green-leaved Rose Walnuts;

c. Primary Koala Food Trees, and

d. Fig trees and other significant native trees within Environmental Open Space. The EOSMP must provide for improved biodiversity outcomes and contain the following as a minimum:

- **aims and objectives;**
- **sufficient background information and site assessment to justify the proposed works,**
- **description of specific ecological restoration and management actions including the timeframe required to meet each particular outcome;**
- **details of ongoing monitoring and reporting requirements including measurable outcomes;**
- **contingency planning options in the case of system failure or natural events which hinder progression; and**
- **means of ensuring rehabilitation for a minimum five-year period and ongoing management by the Community Association in perpetuity.**

119. Prior to the approval of the construction certificate the Developer must submit to the Director Planning and Regulation for approval an hydraulic flood study for the proposed bridge to determine the likely impacts to the waterway caused by the bridge abutments and any cumulative flooding impacts to the surrounding locality.

120. Prior to the approval of the construction certificate the Developer must submit to the Director Planning and Regulation a detailed geotechnical report prepared by an appropriately qualified engineer for the proposed road bridge with recommendations to ensure design and construction complies with Council's specifications, policies and Australian Standards. Development is to be carried out in accordance with the recommendations of that report.

130. A detailed landscape plan must be prepared and submitted to Council for approval by Council or delegate prior to issue of the construction certificate for Stage 1. The plan must be prepared by a landscape architect or landscape consultant to a standard acceptable to the Council or delegate. The plan must commit to use of a minimum of 90% local native species, prohibit use of species that are known environmental weeds, provide a adequate vegetative buffer to visually screen the car park from Kyogle Road and must include the following documentation:

(a) A site plan (at 1:100 to 1:1000 scale) showing the existing features, including north point, access road and an outline of proposed buildings indicating doors and windows. Any trees to remain in the vicinity are to be located to scale and identified by botanical and common names.

(b) Proposed and existing site services, including water, gas, electricity, sewer, stormwater, etc.

(c) Easements on or adjacent to the site.

(d) View lines to and from the development and details of pedestrian access and circulation areas within and around the development, including retaining walls, seating, fences, gates, decorative features etc.

(e) Additional survey plan showing the location, canopy spread, trunk diameter, height and names of those existing tree/s and significant tree/s adjacent to the site likely to be affected by the development. The plan must also include the existing ground levels at the base of the trunk of the tree/s as well as at the drip lines of the tree/s.

(f) Existing and proposed ground levels (shown as spot heights and/or contours over the site and direction and degree of slope) indicating the site boundaries, and the base of the trees proposed to be planted or that are to be retained (if applicable).

(g) Sectional elevations through the site showing the existing and proposed ground lines, building elevations and proposed plantings.

(h) Construction details of planter boxes (including width and depth), paving, edging, fencing, screening, panels and other hard landscape components. As far as possible deep root zones must be provided for large trees and paving is to be porous. Paving works within 2m of the trunk of the large trees must be constructed in such a way as to ensure the existing moisture infiltration and gaseous exchange to the tree root system is maintained.

(i) Planting details for the preparation and planting of tube and potted plants, super-advanced plants, bare-rooted stock and any other planting.

(j) A detailed plant schedule and plan at a scale of 1:100 to 1:1000 indicating the location of all proposed planting and any existing vegetation to be retained on and adjacent to the site. The plan is to include a detailed plant schedule which must include;

- **species listed by botanical and common names, with the majority of plants constituting local native species;**
- **specific location, planting densities and quantities of each species; pot sizes; the estimated sizes of the plants at maturity, and proposed staking methods, if applicable.**

- **maintenance methods including the use of drip irrigation and mulching or groundcovers to reduce bare soils areas and including a maintenance schedule for a minimum period of one year after completion of landscaping on site.**

Development is to be carried out in accordance with the approved landscape plan.

131. Prior to the issue of a Construction Certificate, a cash bond or bank guarantee (unlimited in time) must be lodged with Council to the value of 1% of the cost of the public infrastructure for:

a) The making good of any damage to the property of the Council as a consequence of doing anything to which the consent relates;

b) Completing any public work required in connection with the consent;

c) Remedying any defects in public work that arise within 6 months after the work is completed.

The bond may be called up at any time and the funds used to rectify any non-compliance with the conditions of this consent which are not being addressed to the satisfaction of the Council or his delegate.

The bond will be refunded, if not expended, when the final Subdivision is issued.

[PCC0275]

132. In accordance with Section 109F(i) of the Environmental Planning and Assessment Act 1979, a construction certificate for SUBDIVISION WORKS OR BUILDING WORKS must NOT be issued until any long service levy payable under Section 34 of the Building and Construction Industry Long Service Payments Act, 1986 (or where such levy is payable by instalments, the first instalment of the levy) has been paid. Council is authorised to accept payment. Where payment has been made elsewhere, proof of payment is to be provided.

[PCC0285]

133. All allotment fill is to be graded at a minimum of 1% so that it drains to the street or other approved permanent drainage system and where necessary, perimeter drainage is to be provided. The construction of any retaining wall or cut/fill batter must at no time result in additional ponding occurring within neighbouring properties.

All earthworks must be contained wholly within the subject land. Detailed engineering plans of cut/fill levels and perimeter drainage must be submitted with a S68 stormwater application for Council approval.

[PCC0485]

134. A traffic control plan in accordance with AS1742 and RTA publication "Traffic Control at Work Sites" Version 2 must be

prepared by an RTA accredited person and must be submitted to the Principal Certifying Authority prior to issue of the Construction Certificate. Development is to be carried out in accordance with that plan. Safe public access must be provided at all times.

[PCC0865]

135. The Developer must submit plans and specifications with an application for construction certificate for the following civil works and any associated subsurface overland flow and piped stormwater drainage structures designed in accordance with Councils adopted Design and Construction specifications.

(A) URBAN ROAD

Construction of the roads shown on sketch 101A prepared by Cardno to an urban bitumen sealed road formation. These roads must be constructed to a public road standard and must be generally in accordance with preliminary sketches 104A, 110A, 111A, 113A, 114A, 115A, 130A, 131A, 132A, 133A, 134A, 135A, 136A, 139A, 140A and 142A except that;

- **The footway/verge must be increased to a minimum width of 3.5m (graded at 2.5%) and the public road reserve shall be a minimum of 14.0m.**
- **Beyond the 2.5% footway the batter within the road reserve must be graded at a maximum of 25% (1 in 4) to the property boundary to ensure safe maintenance within the road reserve.**
- **The proposed carpark must be held in private ownership and not dedicated as public reserve. Council will not accept dedication of the proposed car park.**

(B) INTERSECTIONS

Construction of an intersection at the intersection of Kyogle Road and the proposed access to the development is to be in accordance with AUSTROADS Pt 5 "Intersections at Grade" providing the required sight distance. If satisfactory sight distance cannot be achieved a portion of the subject site (as required) will be dedicated as road reserve along the frontage to Kyogle Road to obtain the required SISD. Appropriate vegetation removal may also be required for which approval must be granted.

[PCC0875]

136. Details from a Structural Engineer are to be submitted to the Principal Certifying Authority for approval for all retaining walls/footings/structures etc taking into consideration the zone of influence on the sewer main or other underground infrastructure and include a certificate of sufficiency of design prior to the determination of a construction certificate.

[PCC0935]

137. Prior to the issue of a Construction Certificate the following detail in accordance with Councils adopted Development Design and

Construction Specifications must be submitted to the Principal Certifying Authority for approval.

(a) copies of compliance certificates relied upon

(b) four (4) copies of detailed engineering plans and specifications. The detailed plans must include but are not limited to the following:

- **earthworks**
- **roadworks/furnishings**
- **stormwater drainage**
- **landscaping works**
- **sedimentation and erosion management plans**
- **bridge works**
- **location of all service conduits (water, sewer, Country Energy and Telstra)**

Note: The Environmental Planning and Assessment Act, 1979 makes no provision for works under the Water Management Act 2000 and Section 138 of the Roads Act to be certified by an Accredited Certifier.

[PCC0985]

138. The Developer must provide sufficient water quality management infrastructure to ensure compliance with Council's requirements in this regard, as set out in specification D7 of Section A5 of the TDCP.

139. No existing water bodies on the site are to be used for water quality management, and analysis must demonstrate that runoff entering such bodies after treatment already satisfies the requisite standards.

140. A water quality monitoring program is to be undertaken weekly during any earthworks and construction activity for any runoff from exposed areas of the site, and is to continue until stabilisation of any exposed areas. Parameters to be measured include pH and suspended solids (mg/L), and criteria must accord with the following table:

Parameter	Requirement
pH	6.5 – 8.5
Suspended Solids	<50mg/L

Any runoff to the Tweed River or to existing waterbodies or watercourses and dams that breaches the above standards must be reported to Council and the report must include adaptive management measures proposed to rectify the breach. Water quality monitoring results must be available to Council on request.

141. Erosion and Sediment Control must be provided in accordance with the following:

(a) The Construction Certificate Application must include a detailed erosion and sediment control plan prepared in accordance with Section D7.07 of *Development Design Specification D7 - Stormwater Quality.*

(b) Construction phase erosion and sediment control must be designed, constructed and operated in accordance with *Tweed Shire Council Development Design Specification D7 - Stormwater Quality* and its Annexure A - "Code of Practice for Soil and Water Management on Construction Works".

[PCC1155]

142. Notwithstanding the issue of this development consent, separate consent from Council under Section 138 of the Roads Act 1993, must be obtained prior to any works taking pace on a public road. Applications for consent under Section 138 must be submitted on Council's standard application form, be accompanied by the required attachments and prescribed fee. Receipt of approval is to be obtained prior to the issue of a construction certificate for works within the development site.

143. Notwithstanding the issue of this development consent, separate consent from Council under Section 68 of the *Local Government Act* 1993, must be obtained prior to any of the following works taking place:

- **connection of a private stormwater drain to a public stormwater drain**
- **installation of stormwater quality control devices**
- **erosion and sediment control works**

Applications for these works must be submitted on Council's standard s68 stormwater drainage application form accompanied by the required attachments and the prescribed fee. Receipt of approval is to be obtained prior to the issue of a construction certificate for works within the development site.

Note: Where Council is requested to issue a Construction Certificate for civil works associated with this consent, the abovementioned works can be incorporated as part of the Construction Certificate application, to enable one single approval to be issued. Separate approval under section 68 of the *Local Government Act* will then NOT be required.

Prior to commencement of work

144. Prior to the commencement of any works a highly visible and durable traffic barrier must be erected parallel with the surveyed top of river bank and located at the furthest extent of the dripline of

riparian vegetation for the full length of the development site. No machinery must enter beyond the traffic barrier and no stockpiling or storage of materials, plant or equipment must occur within this zone, or in any case within 10 metres of the creek top of bank. The traffic barrier is to remain at all times during earthworks and construction activities but may be removed between development stages.

145. A survey and assessment for Platypus must be undertaken by a suitably qualified ecologist of the Tweed River aquatic habitat within the vicinity of the proposed bridge, carpark and footbridge prior to commencement of works. A copy of the survey and assessment must be provided to Council. Should Platypus (or other significant fauna or flora) be located, a management plan must be formulated to the satisfaction of the Council or delegate to avoid or mitigate impacts arising from the development. Development is to be carried out in accordance with that plan.

146. The Developer must accurately locate and identify any existing sewer main, stormwater line or other underground infrastructure within or adjacent to the site and the Principal Certifying Authority must be advised of its location and depth prior to commencing works and ensure there must be no conflict between the proposed development and existing infrastructure prior to commencement of any works.

[PCW0005]

147. Prior to the commencement of works, the Developer must ensure that a Site-Specific Safety Management Plan and Safe Work Methods for the subject site have been prepared and put in place in accordance with either:-

(a) Occupation Health and Safety and Rehabilitation Management Systems Guidelines, 3rd Edition, NSW Government, or

(b) AS4804 Occupation Health and Safety Management Systems - General Guidelines on Principles Systems and Supporting Techniques.

(c) WorkCover Regulations 2000

[PCW0025]

148. If filling of land is approved for the Stage 1 consent then all imported fill material must be from an approved source. Prior to commencement of filling operations details of the source of fill nature of material, proposed use of material and confirmation further blending, crushing or processing is not to be undertaken must be submitted to the satisfaction of the Council or delegate.

Once the approved haul route has been identified, payment of the Heavy Haulage Contribution calculated in accordance with Section 94 Plan No 4 will be required prior to commencement of works.

[PCW0375]

149. Civil work in accordance with the development consent must not be commenced until:-

(a) a construction certificate for the civil work has been issued in accordance with Councils adopted Development Design and Construction Specification C101 by:
(i) the consent authority, or
(ii) an accredited certifier, and
(b) the person having the benefit of the development consent:
(i) has appointed a principal certifying authority,
(ii) has appointed a Subdivision Works Accredited Certifier (SWAC) in accordance with the Building Professionals Board Accreditation Scheme. As a minimum the SWAC must possess accreditation in the following categories:
C4: Accredited Certifier – Stormwater management facilities construction compliance

C6: Accredited Certifier – Subdivision road and drainage construction compliance

The SWAC must provide documentary evidence to Council demonstrating current accreditation with the Building Professionals Board prior to approval and issue of any Construction Certificate, and

(iii) has notified the consent authority and the council (if the council is not the consent authority) of the appointment,
(iv) a sign detailing the project and containing the names and contact numbers of the Developer, Contractor and Subdivision Works Accredited Certifier is erected and maintained in a prominent position at the entry to the site in accordance with Councils Development Design and Construction Specifications. The sign is to remain in place until the Subdivision Certificate is issued, and
(c) the person having the benefit of the development consent has given at least 2 days' notice to the council of the person's intention to commence the civil work.

[PCW0815]

150. The Developer must provide to the PCA copies of Public Risk Liability Insurance to a minimum value of $20 Million for the period of commencement of works until the completion of the defects liability period.

[PCW0835]

151 Prior to commencement of work on the site all erosion and sedimentation control measures are to be installed and operational including the provision of a "shake down" area where required to the satisfaction of the Principal Certifying Authority.

In addition to these measures the core flute sign provided with the stormwater approval under Section 68 of the *Local Government Act* is to be clearly displayed on the most prominent position of the sediment fence or erosion control device which promotes awareness of the importance of the erosion and sediment controls provided.

This sign is to remain in position for the duration of the project.

[PCW0985]

152. The proposed earthworks must be carried out in accordance with an approved construction certificate and generally in accordance with sketch 103A, 104A, the preliminary long sections shown on sketches 110A, 111A, 113A, 114A, 115A and the preliminary cross sections shown on sketches 130A, 131A, 132A, 133A, 134A, 135A, 136A, 139A, 140A and 141A.

[DURNS01]

During Construction

153. All proposed works are to be carried out in accordance with the conditions of development consent, approved construction certificate, drawings and specifications.

154. A water quality monitoring program is to be undertaken weekly during any earthworks and construction activity for any runoff from exposed areas of the site, and is to continue until stabilisation of any exposed areas. Parameters to be measured include pH and suspended solids (mg/L), and criteria must accord with the following table:

Parameter	Requirement
pH	6.5 – 8.5
Suspended Solids	<50mg/L

Any runoff to the Tweed River or to existing dams, waterbodies and watercourses that breaches the above standards must be reported to Council and the report will include adaptive management measures proposed to rectify the breach. Water quality monitoring results must be available to Council on request.

[DUR0005]

155. Construction site work including the entering and leaving of vehicles is limited to the following hours:

Monday to Saturday from 7.00am to 7.00pm

No work to be carried out on Sundays or Public Holidays

The Developer is responsible to instruct and control contractors and subcontractors regarding hours of work.

[DUR0205]

156. All reasonable steps must be taken to muffle and acoustically baffle all plant and equipment. In the event that Council notifies the builder that it has received a reasonable complaint(s) from the neighbour(s), the noise from the construction site is not to exceed the following:

A. Short Term Period - 4 weeks.

LAeq noise level measured over a period of not less than 15 minutes when the construction site is in operation, must not exceed the background level by more than 20dB(A) at the

boundary of the nearest likely affected residence.

B. Long term period - the duration.

LAeq noise level measured over a period of not less than 15 minutes when the construction site is in operation, must not exceed the background level by more than 15dB(A) at the boundary of the nearest affected residence.

[DUR0215]

157. Proposed earthworks must be carried out in accordance with AS 3798, "Guidelines on Earthworks for Commercial and Residential Developments".

The earthworks must be monitored by a registered geotechnical testing consultant to a level 1 standard in accordance with AS 3798. A certificate from a registered geotechnical engineer certifying that the filling operations comply with AS3798 must be submitted to the Principal Certifying Authority upon completion.

[DUR0795]

158. The use of vibratory compaction equipment (other than hand held devices) within 100m of any dwelling house is strictly prohibited.

[DUR0815]

159. No soil, sand, gravel, clay or other material can be disposed of off the site without the prior written approval of Tweed Shire Council .

[DUR0985]

160. Kyogle Road must be kept clean of any material carried onto the roadway by construction vehicles. Any work carried out by Council to remove material from the roadway will be at the Developers expense and any such costs are payable prior to the issue of a Subdivision Certificate.

[DUR0995]

161. Where the construction work is on or adjacent to public roads, parks or drainage reserves the developer must provide and maintain all warning signs, lights, barriers and fences in accordance with AS 1742 (Manual of Uniform Traffic Control Devices). The Builder must be adequately insured against Public Risk Liability to a value of at least $20 million.

[DUR1795]

162. Before the commencement of the relevant stages of road construction, pavement design detail including reports from a Registered NATA Consultant must be submitted to Council for approval and must demonstrate:

(a) that the pavement has been designed in accordance with Tweed Shire Councils Development Design Specification, D2;

(b) that the pavement materials to be used comply with the specifications tabled in Tweed Shire Councils Construction Specifications, C242-C245, C247, C248 and C255;

(c) that site fill areas have been compacted to the specified standard; and

(d) that supervision of Bulk Earthworks has been to Level 1 and frequency of field density testing has been completed in accordance with Table 8.1 of AS 3798-1996.

[DUR1805]

163. During the relevant stages of road construction, reports must be submitted to the PCA by a Registered NATA Geotechnical firm demonstrating; and

(a) that the pavement layers have been compacted in accordance with Councils adopted Design and Construction Specifications.

(b) that pavement testing has been completed in accordance with Table 8.1 of AS 3798 including the provision of a core profile for the full depth of the pavement.

[DUR1825]

164. Any damage caused to public infrastructure on or adjacent to the site (roads, footpaths, water and sewer mains, power and telephone services etc) during construction of the development must be repaired in accordance with Councils adopted Design and Construction Specifications prior to the issue of a Subdivision Certificate and/or prior to any use or occupation of the buildings.

[DUR1875]

165. Tweed Shire Council must be given a minimum 24 hours notice to carry out the following compulsory inspections in accordance with Tweed Shire Council Development Control Plan, Part A5 - Subdivision Manual, Appendix D, based on the rates contained in Council's current Fees and Charges:-

<u>Roadworks</u>

(a) Pre-construction commencement erosion and sedimentation control measures
(b) Completion of earthworks
(c) Excavation of subgrade
(d) Pavement - sub-base
(e) Pavement - pre kerb
(f) Pavement - pre seal
(g) Pathways, footways, bikeways - formwork/reinforcement
(h) Steel reinforcement associated with bridge work
(i) Final inspections - on maintenance
(j) Off Maintenance inspection

Council's role is limited to the above mandatory inspections and does <u>NOT</u> include supervision of the works, which is the responsibility of the Developers Supervising Consulting Engineer.

Note: The EP&A Act, 1979 makes no provision for works under the Water Management Act 2000 to be certified by an "accredited certifier".

[DUR1895]

166. A copy of the Development Consent and Construction Certificate approval including plans and specifications must be maintained on the site at all times during construction.

167. All stormwater gully lintels must have the following notice cast into the top of the lintel: 'DUMP NO RUBBISH, FLOWS INTO CREEK' or

similar wording in accordance with Council's adopted Design and Construction Specification.

[DUR2355]

168. Regular inspections must be carried out by the Supervising Engineer on site to ensure that adequate erosion control measures are in place and in good condition both during and after construction.

Additional inspections are also required by the Supervising Engineer after each storm event to assess the adequacy of the erosion control measures, make good any erosion control devices and clean up any sediment that has left the site or is deposited on public land or in waterways.

The inspection program is to be maintained until the maintenance bond is released or until Council is satisfied that the site is fully rehabilitated.

[DUR2375]

169. During construction, a "satisfactory inspection report" is required to be issued by Council for all s68h2 permanent stormwater quality control devices, prior to backfilling. The Developer must liaise with Councils Engineering and Operations Division to arrange a suitable inspection.

170. Environmental safeguards (silt curtains, booms etc.) are to be utilised during construction / installation of the bridges or in-stream structures to ensure there is no escape of turbid plumes into the aquatic environment. Erosion and sediment controls must be in place prior to commencing, during and after works until stabilisation of exposed areas.

171. Sand, gravel, silt, topsoil or other materials must not be stockpiled within 50 metres of the Tweed River or existing dams on Lot 121 DP134446 unless surrounded by sediment control measures sufficient to prevent escape of stockpiled materials.

172. Permanent stormwater quality treatment must be provided in accordance with the following:

(a) The Construction Certificate Application must include a detailed stormwater management plan (SWMP) for the occupational or use stage of the development prepared in accordance with Section D7.07 of Councils *Development Design Specification D7 - Stormwater Quality*.

(b) Permanent stormwater quality treatment must comply with section 5.5.3 of the Tweed Urban Stormwater Quality Management Plan and Councils Development Design Specification D7 - Stormwater Quality.

[PCC1105]

(c) The stormwater and site works must incorporate water sensitive design principles and where practical, integrated water cycle management. Typical water sensitive features include infiltration, maximising permeable/landscaped areas,

stormwater retention /detention/reuse, and use of grass swales in preference to hard engineered drainage systems.

Prior to issue of Subdivision Certificate

173. Council approved landscaping must be completed prior to the release of the subdivision certificate. Landscaping must be maintained at all times to the satisfaction of the General Manager or delegate. Trees identified for retention in the development application plans must not be removed without separate Council approval.

174. Environmental Open Space is to be provided and maintained in accordance with the approved Environmental Open Space Management Plan. Implementation of the EOSMP must be commenced prior to the issue of a subdivision certificate for Stage 1.

175. Council approved landscaping within public roads must be completed prior to the release of the subdivision certificate for Stage 1. Landscaping must be maintained at all times to the satisfaction of the Council or delegate.

176. Prior to issue of a subdivision certificate, all works/actions/inspections etc required by other conditions or approved management plans or the like must be completed in accordance with those conditions or plans.

[PSC0005]

177. Section 94 Contributions

Payment of the following contributions pursuant to Section 94 of the Act and the relevant Section 94 Plan.

Pursuant to Section 109J of the Environmental Planning and Assessment Act, 1979, a Subdivision Certificate must NOT be issued by a Certifying Authority unless all Section 94 Contributions have been paid and the Certifying Authority has sighted Council's "Contribution Sheet" signed by an authorised officer of Council.

A CURRENT COPY OF THE CONTRIBUTION FEE SHEET ATTACHED TO THIS CONSENT MUST BE PROVIDED AT THE TIME OF PAYMENT

These charges will remain fixed for a period of 12 months from the date of this consent and thereafter in accordance with the rates applicable in the current version/edition of the relevant Section 94 Plan current at the time of the payment.

A copy of the Section 94 contribution plans may be inspected at the Civic and Cultural Centres, Tumbulgum Road, Murwillumbah and Brett Street, Tweed Heads.

(a) Tweed Road Contribution Plan:

19.5 trips @ $2304	**$44,928**

S94 Plan No. 4

Sector 13_4

Heavy Haulage Component

Payment of a contribution pursuant to Section 94 of the Act and the Heavy Haulage (Extractive materials) provisions of Tweed Road Contribution Plan No. 4 - Version 5 prior to the issue of a construction certificate. The contribution must be based on the following formula:-

$Con $_{TRCP - Heavy}$ = Prod. x Dist x $Unit x (1+Admin.)

where:

$Con $_{TRCP - Heavy}$ heavy haulage contribution

and:

Prod. **projected demand for extractive material to be hauled to the site over life of project in tonnes**

Dist. **average haulage distance of product on Shire roads (trip one way)**

$Unit **the unit cost attributed to maintaining a road as set out in Section 7.2 (currently 5.4c per tonne per kilometre)**

Admin. **Administration component - 5% - see Section 6.6**

(b) Open Space (Structured):

3 ET @ $653 **$1,959**

S94 Plan No. 5

(c) Open Space (Casual):

3 ET @ $570 **$1,710**

S94 Plan No. 5

(d) Shire wide Library Facilities:

3 ET @ $688 **$2,064**

S94 Plan No.11

(e) Eviron Cemetery/Crematorium Facilities:

3 ET @ $131 **$393**

S94 Plan No. 13

(f) Emergency Facilities (Surf Lifesaving):

3 ET @ $200 **$600**

S94 Plan No. 16

(g) Extensions to Council Administration Offices & Technical Support Facilities:

3 ET @ $1996.80 **$5990.40**

S94 Plan No. 18

(h) Cycleways:

3 ET @ $352 $1056

S94 Plan No. 22

(i) Regional Open Space (Structured):

3 ET @ $2327 $6,981

S94 Plan No. 26

(j) Regional Open Space (Casual):

3 ET @ $855 $2565

S94 Plan No. 26

[PSC0175]

178. Prior to the issue of a Subdivision Certificate a defect liability bond (in cash or unlimited time Bank Guarantee) must be lodged with Council.

The bond must be based on 5% of the value of the works (minimum as tabled in Council's fees and charges current at the time of payment) which will be held by Council for a period of 6 months from the date on which the Subdivision Certificate is issued. It is the responsibility of the Developer to apply for refund following the remedying of any defects arising within the 6 month period.

[PSC0215]

179. A bond must be lodged prior to the issue of the subdivision certificate to ensure that the landscaping is maintained by the Developer for a period of 6 months from the date of issue of a Subdivision Certificate. The amount of the bond must be 20% of the estimated cost of the landscaping or $3000 whichever is the greater.

[PSC0235]

180. Any damage to property (including pavement damage) is to be rectified to the satisfaction of the Council or his delegate PRIOR to the issue of a Subdivision Certificate. Any work carried out by Council to remove material from the roadway will be at the Developers expense and any such costs are payable prior to the issue of a Subdivision Certificate.

[PSC0725]

181. Prior to the issue of a Subdivision Certificate, Works as Executed Plans must be submitted in accordance with the provisions of Tweed Shire Council Development Control Plan A5 - Subdivisions Manual and Councils Development Design and Construction Specification, D13 - Engineering Plans.

The plans are to be endorsed by a Registered Surveyor OR a Consulting Engineer Certifying that:

(a) all drainage lines, sewer lines, services and structures are wholly contained within the relevant easement created by the subdivision;

(b) the plans accurately reflect the Work as Executed.

Note: Where works are carried out by Council on behalf of the developer it is the responsibility of the Developer to prepare and submit works-as-executed plans.

[PSC0735]

182. A Subdivision Certificate will not be issued by the Council until such time as all relevant conditions of this Development Consent have been complied with.

[PSC0825]

183. The creation of easements for services, rights of carriageway and restrictions as to user as may be applicable under Section 88B of the Conveyancing Act including (but not limited to) the following:

(a) Easements for drainage over ALL public services/infrastructure on private property.

(b) A restriction as to user prohibiting the construction of slab on ground dwellings in those areas that exceed a slope of 20% or more as nominated on sketch 103A – "slope analysis" prepared by Cardno.

(c) A restriction as to user requiring access arrangements on the allotments nominated on sketches 135A, 137A, 138A, 141A, 142A, 143A, 144A, 146A, 147A, 148A, 149,A 150A, 152A and 153A to be in accordance with the access detail shown on sketches 100A and 101A prepared by Cardno.

Pursuant to Section 88BA of the Conveyancing Act (as amended) the Instrument creating the right of carriageway/easement to drain water must make provision for maintenance of the right of carriageway/easement by the owners from time to time of the land benefited and burdened and are to share costs equally or proportionally on an equitable basis.

Any Section 88B Instrument creating restrictions as to user, rights of carriageway or easements which benefit Council must contain a provision enabling such restrictions, easements or rights of way to be revoked, varied or modified only with the consent of Council.

Privately owned infrastructure on Community Land may be subject to the creation of statutory restrictions, easements etc in accordance with the Community Land Development Act, Strata Titles Act, Conveyancing Act, or other applicable legislation.

[PSC0835]

184. Submit to Council's property officer an appropriate plan indicating the rural address number to both new and existing lots for approval. Prior to the issue of a Subdivision Certificate, each lot must have its' rural address number displayed in accordance with Council's "Rural Addressing Policy".

[PSC0845]

185. Council's standard "Asset Creation Form" must be completed (including all quantities and unit rates) and submitted to Council with the application for Subdivision Certificate.

[PSC0855]

186. Where new state survey marks and/or permanent marks are placed a copy of the locality sketch relating to the marks must be

submitted to Council within three months of registration of the Subdivision Certificate in accordance with the Survey Practices Regulation.

[PSC0865]

187. Prior to registration of the plan of subdivision, a Subdivision Certificate must be obtained.

The following information must accompany an application:

(a) original plan of subdivision prepared by a registered surveyor and 7 copies of the original plan together with any applicable 88B Instrument and application fees in accordance with the current Fees and Charges applicable at the time of lodgement.

(b) all detail as tabled within Tweed Shire Council Development Control Plan, Part A5 - Subdivision Manual, CL 7.6 and Councils Application for Subdivision Certificate including the attached notes.

Note: The Environmental Planning and Assessment Act, 1979 (as amended) makes no provision for works under the Water Supplies Authorities Act, 1987 to be certified by an Accredited Certifier.

[PSC0885]

188. Prior to the application for a Subdivision Certificate a Compliance Certificate or Certificates must be obtained from Council OR an accredited certifier for the following:-

(a) Compliance Certificate - Roads

(b) Compliance Certificate - Drainage

Note:

1. All compliance certificate applications must be accompanied by documentary evidence from the developer's Subdivision Works Accredited Certifier (SWAC) certifying that the specific work for which a certificate is sought has been completed in accordance with the terms of the development consent, the construction certificate, Tweed Shire Council's Development Control Plan Part A5 - Subdivisions Manual and Councils Development Design and Construction Specifications.

2. The EP&A Act, 1979 (as amended) makes no provision for works under the Water Management Act 2000 to be certified by an "accredited certifier".

[PSC0915]

189. Prior to the issue of a Subdivision Certificate, a properly dimensioned plan must be lodged with Council showing the relative position of existing fences, road formation and boundaries. Any encroaching road boundary fence is to be relocated to the correct alignment prior to issuing a Subdivision Certificate. Any road widening deemed necessary following submission of the plan must be dedicated at no cost to Council.

[PSC0945]

190. Prior to the issue of a Subdivision Certificate and also prior to the end of defects liability period, a CCTV inspection of the stormwater pipes and sewerage system including joints and junctions will be

required to demonstrate that the standard of the stormwater system is acceptable to Council.

Any defects identified by the inspection are to be repaired in accordance with Councils adopted Development Design and Construction Specification.

All costs associated with the CCTV inspection and repairs must be borne by the Developers.

[PSC1065]

191. Prior to the release of the subdivision certificate the Developer must produce written evidence from the local telecommunications supply authority certifying that satisfactory arrangements have been made for the provision of underground telephone supply.

192. All retaining walls in excess of 1metre in height must be certified by a Qualified Structural Engineer verifying the structural integrity of the retaining wall after construction. Certification from a suitably qualified engineer experienced in structures is to be provided to the PCA prior to the issue of a Subdivision Certificate.

[PSC1165]

Electricity

193. Prior to the release of the subdivision certificate the Developer must provide to Council written evidence from the local electricity supply authority certifying that reticulation of underground electricity (residential and rural residential) has been completed and the reticulation includes the provision of fully installed electric street lights to the relevant Australian standard. Such lights are to be capable of being energised following a formal request by Council.

Crown Roads

194. The eastern Crown public road through Lot 121 DP134446 is to be closed and a right of way registered in accordance with the Department of Lands letter dated 31 October 2008 prior to the issue of the subdivision certificate for stage 1.

PART C - INTEGRATED CONDITIONS FOR CONCEPT APPROVAL AND STAGE 1

GENERAL TERMS OF APPROVAL UNDER SECTION 100B OF THE RURAL FIRES ACT 1997 FOR CONCEPT APPROVAL AND STAGE 1

Water and Utilities

The intent of measures is to provide adequate services of water for the protection of buildings during and after the passage of bush fire, and to locate gas and electricity so as not to contribute to the risk of fire to a building.

1. **Water, electricity and gas are to comply with section 4.1.3 of Planning for Bush Fire Protection 2006.**

   <u>Access</u>

   The intent of measures for public roads is to provide safe operational access to structures and water supply for emergency services, while residents are seeking to evacuate from an area.

2. **Access must comply with section 4.1.3(1) of Planning for Bush Fire Protection 2006**

3. **The emergency access/egress shall comply with section4.1.3(3) of Planning for Bush Fire Protection 2006.**

GENERAL TERMS OF APPROVAL – CONTROLLED ACTIVITY UNDER THE WATER MANAGEMENT ACT FOR CONCEPT APPROVAL AND STAGE 1 (FORMERLY A PERMIT UNDER PART 3A OF THE RIVERS AND FORESHORES IMPROVEMENT ACT 1948)

Plans, standards and guidelines

1. **These General terms of Approval (GTA) only apply to the controlled activities described in the plans and associated documentation relating to DA06/1054 and provided by Council**

   (i) Site Plan, map and/or surveys

   (ii) Structural design and specifications

   (iii) A Vegetation Management Plan

   (iv) Works Schedule

   (v) Erosion and Sediment Control Plan

   (vi) Soil and Water Management Plan

   (vii) Rehabilitation Plan

   Any amendments or modifications to the proposed controlled activities may render these GTA invalid. If the proposed controlled activities are amended or modified the Department of Water & Entergy must be notified to determine if any variations to these GTA will be required.

2. **Prior to the commencement of any controlled activity (works) on waterfront land, the consent holder must obtain a Controlled Activity Approval (CAA) under the Water Management Act form the Department of Water & Energy. Waterfront land for the purposes of this DA is land and material in or within 40 metres of the top of the bank or shore of the river identified.**

3. **The consent holder must prepare or commission the preparation of:**

   (i) Rehabilitation Plan

   (ii) Works Schedule

   (iii) Erosion and Sediment Control Plan

4. **All plans must be prepared by a suitably qualified person and submitted to the Department of Water & Energy for the approval prior to any controlled activity commencing. The following plans**

must be prepared in accordance with Department of Water & Energy guidelines located at www.naturalresources.nsw.gov.au/water/controlled_activity.shtml.

(i) Vegetation Management Plans

(ii) Laying pipes and cables in watercourses

(iii) Riparian Corridors

(iv) In-stream works

(v) Outlet structures

(vi) Watercourse crossing plans

5. The consent holder must (i) carry out any controlled activity in accordance with approved plans and (ii) construct and/or implement any controlled activity by or under the direct supervision of a suitably qualified professional and (iii) when required, provide a certificate of completion to the Department of Water & Energy.

Rehabilitation and maintenance

6. The consent holder must carry out a maintenance period of two (2) years after practical completion of all controlled activities, rehabilitation and vegetation management in accordance with a plan approved by the Department of Water & Energy.

7. The consent holder must reinstate waterfront land affected by the carrying out of any controlled activity in accordance with a plan or design approved by the Department of Water & Energy.

Reporting requirements

8. The consent holder must use a suitably qualified person to monitor the progress, completion, performance of works, rehabilitation and maintenance and report to the Department of Water & energy as required.

Security Deposits

9. N/A

Access-ways

10. The consent holder must design and construct all ramps, stairs access ways, cycle paths, pedestrian paths or other non-vehicular form of access way so that they do not result in erosion, obstruction of flow, destabilisation, or damage to the bed or banks of the river or waterfront plan, other than in accordance with a plan approved by the Department of Water & Energy.

11. The consent holder must not locate ramps, stairs, access ways, cycle paths, pedestrian paths or any other non –vehicular form of access way in a riparian corridor other than in accordance with a plan approved by the Department of Water & Energy.

Bridge, causeway, culverts, and crossing

12. The consent holder must ensure that the construction of any bridge, causeway, culvert or crossing does not result in erosion, obstruction of flow, destabilisation or damage to the bed or banks

of the river or waterfront land, other then in accordance with a plan approved by the Department of Water & Energy.

13. **the consent holder must ensure that any bridge, causeway, culvert or crossing does not obstruct water flow and direction, is the same width as the river or sufficiently wide to maintain water circulation, with no significant water level difference between either side of the structure other then in accordance with a plan approved by the Department of Water & Energy.**

Culvert

14. **The consent holder must ensure that no materials or cleared vegetation that may obstruct flow, wash into the water body or cause damage to river banks are left on waterfront land other than in accordance with a plan approved by the Department of Water & Energy.**

Disposal

15. **The consent holder is to ensure that all drainage works (i) capture and convey runoffs, discharges and flood flows to low flow water level in accordance with a plan approved by the Department of Water & Energy; and (ii) do not obstruct the flow of water other than in accordance with a plan approved by the Department of Water & Energy.**

16. **The consent holder must stabilise drain discharge points to prevent erosion in accordance with a plan approved by the Department of Water & Energy.**

Drainage and Stormwater

17. **The consent holder must establish all erosion and sediment control works and water diversion structures in accordance with a plan approved by the Department of Water & Energy. These works and structures must be inspected and maintained throughout the working period and must not be removed until the site has been fully stabilised.**

Erosion Control

18. **The consent holder must ensure that no excavation is undertaken on waterfront land other than in accordance with a plan approved by the Department of Water & Energy.**

19. **The consent holder must ensure that any excavation does not result in (i) diversion of any river (ii) bed or bank instability or (iii) damage to native vegetation within the area where a controlled activity has been authorised, other than in accordance with a plan approved by the Department of Water & Energy.**

Excavation

20. **The consent holder must ensure that (i) river diversion, realignment or alteration does not result from any controlled activity work and (ii) bank control or protection works maintain the existing river hydraulic and geomorphic functions, and (iii) bed control structures**

do not result in river degradation other than in accordance with a plan approved by the Department of Water & Energy.

Maintaining river

21. N/A

River bed and bank protection

22. N/A

23. The consent holder must establish a riparian corridor along the Tweed River and affected tributaries in accordance with a plan approved by the Department of Water & Energy.

Plans, standards and guidelines

24. N/A

25. N/A

26. N/A

27. N/A

PART D – DEFINITIONS

Terms used in this Consent have the following definitions:

***Aboriginal Cultural Heritage and Assessment Management Plan* – the Aboriginal Cultural Heritage and Assessment Management Plan prepared by Mary Dallas Archaeological Consultants dated March 2009 and any supplementary plans prepared for the management of any Aboriginal Cultural Heritage relating to the development as approved by Council.**

***Agricultural Buffer* – Any Buffer to be provided between the Village site and/or Infrastructure Land and adjoining land zoned rural under the Tweed Local Environmental Plan**

***Agricultural Buffer Management Plan* - Any management plan regarding the establishment of and ongoing management of any Agricultural Buffer required under these conditions of consent and approved by Council**

***Asset Protection Zone* – Any zone to be provided in accordance with "Planning for Bushfire Protection Guidelines 2006" and these conditions of consent.**

***Asset Protection Zone Management Plan* - Any management plan regarding the establishment of and ongoing management of all Asset Protection Zones required under these conditions of consent and approved by Council**

Catchment Area **– the area of land within the ownership of the Developer, maintained in a natural undeveloped state which is the source of water for the surface impoundment dam.**

Catchment Management Plan **– Any management plan regarding the establishment of and ongoing management of the Catchment Area and approved by Council**

CLD Act **- means Community Land Development Act 1989 and**
Community Plan**;**
Community Association; and
Community Management Statement
have the same meaning ascribed by Section 3 of the CLD Act that has to be, or has been, created for the Village.

Community Management Statement is the management statement prepared in accordance with sections 5 and/or 9 and Schedule 3 of the *Community Land Development Act* 1989 as approved by Council.

CMS – Community Management Statement.

Community Association Infrastructure **– water supply infrastructure, waste water collection, conveyance and treatment infrastructure, effluent disposal infrastructure, recycled water supply infrastructure, stormwater infrastructure including treatment measures, environmental open space and asset protection zones, agricultural buffer and catchment area for water supply and Riparian Buffer Zone but does not include individual tanks and internal plumbing provided to each individual tenement.**

Community Land **– all land in the Village site.**

Community Property **- land, assets and infrastructure to be owned by the Community Association.**

Concept Proposal- **The concept is a plan for the construction of an entire new community or village that is to be generally developed in stages. The concept plan includes the provision of water and sewer services, electricity and communication services, roads, community facilities, areas of low and medium density housing, 1000m2 of retail floor space, conference centre, health centre, open space and rehabilitation areas. The overall concept proposal is stated to have an indicative yield of 430 dwellings with an expected population of approximately 1000 persons. Water is to be supplied via tanks, dams, groundwater and recycled water. Effluent is to be treated via a sewerage treatment plant with a reuse scheme for non potable purposes and irrigation.**

Council **– Tweed Shire Council**

Developer **– Zimmer Land Pty Limited or any party acting upon this consent**

Design Guidelines **- Any Design Guidelines approved by Council in relation to the Village.**

Environmental Open Space **– is the corresponding area marked on the Village Plan diagram 2 which is to have a land use to preserve the significant environmental features of those areas on the site including native vegetation, natural watercourses and aboriginal archaeological areas.**

Environmental Open Space Management Plan **- Any management plan regarding the establishment of and ongoing management of the Environmental Open Space in the Village and approved by Council**

Effluent Irrigation Scheme Buffer **– any buffer separating Effluent irrigation areas and irrigation infrastructure from neighbours, residential areas and sensitive environments.**

Infrastructure **– Community Association Infrastructure except where otherwise specifically defined.**

Infrastructure Land **– any land or part thereof upon which Infrastructure is, or is to be, located. Including but not limited to current lots 121 in DP 134446, 3 in DP 771335 and 4 in DP737440, which is proposed lot 12 as part of the Stage 1 subdivision and any parcel of land upon which an Asset Protection Zone or Agricultural Buffer is required by these conditions of consent.**

L/p/d **- Litres per person per day**

Mixed Village **– is the corresponding area marked on the Village Plan diagram 2 which is to have a land use to provide the central focus of the development in the form of a Village Centre containing a Main Street and Town Square that provides for a variety of commercial, retail and residential uses including some tourism and community uses.**

Open Space Areas **– is the corresponding area marked on the Village Plan diagram 2 which is to have a land use to provide for the sports and market area and village green for active recreation and community activities and market garden.**

Parking Areas **– is the corresponding areas marked on the Village Plan diagram 2 which is to have land use to provided parking for people attending the Mixed Village.**

Public Roads **– are the lines illustrated in bold black on the Village Plan diagram 2 which form part of Stage 1.**

Potable water **– water that is intended to be or likely to be used for human consumption.**

Precinct **– an area marked on the Village Plan diagram 2 named to correspond with the intended land use(s) for that area.**

Primary Koala food Trees**- Forest Red Gum (*Eucalyptus tereticornis*), Tallowwood (*Eucalyptus microcorys*) and Small-fruited Grey Gum (*Eucalyptus propinqua*).**

RFS **– Rural Fire Service**

Riparian Buffer Zone **– a buffer generally a minimum of 50 metres from each high bank of the Tweed River**

Stage 1 **– is the first stage in the development of the Village for a six lot subdivision, construction of a public car park, road bridge and public road works to be carried out in accordance with Part B of this consent.**

Stormwater Management Plan **– Any management plan regarding the establishment of and ongoing management of Stormwater in the Village and approved by Council**

STP **- Sewerage Treatment Plant**

Surface Impoundment Dam **– is the 60ML Water Supply Dam marked on plan Figure 4 Proposed Water Supply Infrastructure for the collection of water from the Catchment Area for the purpose of augmenting the supply of potable water to the Village.**

TDCP **– Tweed Development Control Plan**

The Tweed River Corridor **– is the corresponding area marked on the Village Plan diagram 2 which is to have a land use to preserve the land along the Tweed river and includes a riparian buffer zone of 50m also marked on the Village Plan.**

Threatened and Significant Protected Species Management Plan **- Any management plan regarding the protection of any Threatened and Significant Protected Species approved by Council.**

Tourism and Special Uses **– is the corresponding area marked on the Village Plan diagram 2 which is to have land uses aimed at providing local employment and economic development to help establish the town as a visitor destination. These land uses are to be compatible with the tourism uses in the Mixed Village and limited to tourism and special uses of a rural or local nature with no accommodation.**

TSC **- Tweed Shire Council**

TSC Sewerage **- is any sewerage infrastructure under the ownership, control and operation of Tweed Shire Council.**

TSC Water Supply **– is any water supply infrastructure under the ownership, control and operation of Tweed Shire Council**

TSPSMP **– Threatened and Significant, Protected Species Management Plan approved by Council**

Village **– the development of a village within the land zoned 2(d) within part lots 121 in DP 134446 and 3 in DP 771335 and including the market garden area.**

Village Site **– the area of land within part lots 121 in DP 134446 and 3 in DP 771335 marked by the site Boundary on Diagram 1 Concept Plan.**

Village Housing **– is the corresponding area marked on the Village Plan Diagram 2 which is to have a land use for a variety of housing types including townhouses, villa homes and some residential flat buildings being up to 3 storeys in height.**

Village Lots **– is the corresponding area marked on the Village Plan Diagram 2 which is to have a land use for single detached dwelling houses on lots generally 600 m^2 but no smaller than 450 m^2.**

Water Supply Management Plan **- Any management plan regarding the establishment of and ongoing management of the water supply to the Village and approved by Council.**

REPORT:

Applicant: **Mr P MacGregor**
Owner: **Zimmer Land Pty Ltd, Kempcove Pty Ltd**
Location: **Lot 3 DP 771335; Lot 4 DP 737440; Lot 121 DP 134446, No. 2924 Kyogle Road, Kunghur and Crown Roads**
Zoning: **Part 2(d) Village and Part 1(a) Rural**
Cost: **$2,050,000**

BACKGROUND:

The Locality

The site is located deep in the remote Tweed hinterland on the northern side of Kyogle Road 14 kilometres southwest from the village of Uki and 29 kilometres south west from the town of Murwillumbah. Uki has a population of 200 approximately and the village contains a hotel, primary school, basic shopping and community needs.

The surrounding land is of rural character featuring hobby farms, grazing land nestled in between National Park forest. An approved rural residential subdivision of Mebbin Springs consisting of seventy lots and a native tree plantation exists to the south. Mebbin Springs is and remains largely undeveloped as uptake of the development has been slow since 2005.

The site is located in between Mt Warning National Park and Nightcap National Park and is isolated from all services apart from a rural fire service shed located at Kunghur.

The Site

The site is located in the Tweed hinterland, in a valley between Mt Warning National Park and Nightcap National Park and adjacent to Mebbin National Park. The Tweed River, which is a main source of water supply for the Tweed Shire, runs through the site adjacent to the southern boundary of the site. The River corridor is heavily vegetated and its topography is steep.

The site is extremely diverse in terms of its topography with much of the site having steep side slopes of well over 16.67%, which contain a number of existing natural watercourses flowing into the Tweed River. The River corridor and natural gully areas of the site are heavily vegetated. Large fig trees are located on the high knoll in the centre of the site.

There is no town water or sewer infrastructure servicing the site. The closest town water and sewer supply is fourteen kilometres to the east at the village of Uki.

Zoning

The subject site was zoned from Rural to Village via an amendment to the Interim Development Order No.2 in 1986. The zoning has remained Village since this time through LEP 1987 and LEP 2000.

The wording of Tweed Local Environmental Plan No.35 as listed in the Government Gazette No.66 of 24 April 1986 says-

Aims and objectives, etc.

The aims and objectives of this plan are-

(a) to enable the development of the land to which the plan applies for the purposes of an integrated, co-operative rural community featuring the strata subdivision of the land, a substantial common property holding to be managed for the benefit of the body corporate as a whole and a defined village centre providing community services and facilities;

(b) to allow the establishment on that land of complimentary tourist, holiday and educational facilities as components of the overall development; and

(c) to enable the more detailed development control provisions relating to matters of significance for local environmental planning affecting that land to be contained in a development control plan to be made by the council.

Notwithstanding the provisions of clauses 11, 12, and 12a, a person may, with the consent of the council, subdivide land to which this clause applies under the Strata Titles Act 1973 and erect dwellings on allotments created by the subdivision provided that-

(a) the land to be subdivided has a minimum area of 40 hectares;

(b) the number of allotments created by the subdivision and used for the purpose of the erection of dwelling-houses shall not exceed one per 5 hectares of the area of the land subject to the subdivision;

(c) the minimum area of any such allotment on which a dwelling-house is erected shall not be less than 1000 square metres;

(d) not less than 40 percent of the land subdivided is to be retained as common property as defined under the Strata Titles Act 1973; and

(e) vehicular access to each of the allotments from a public road is by means of the common property and each access corridor shall provide access to not more than 10 dwellings.

The above clause was not retained in the Shire Wide Tweed LEPs of 1987 or 2000. Accordingly the standard 2(d) Village zoning provisions apply.

The site has never been developed in accordance with the Village zoning and has only been used for rural purposes with rural improvements such as a dwelling, dams and access roads.

Application

The application was lodged in 2006. There have been multiple requests for additional information, outstanding details such as owners consent from the Department of Lands

(Crown Lands) and amendments made by the applicant. The Application is taken to have been "made" on 1 March 2007.

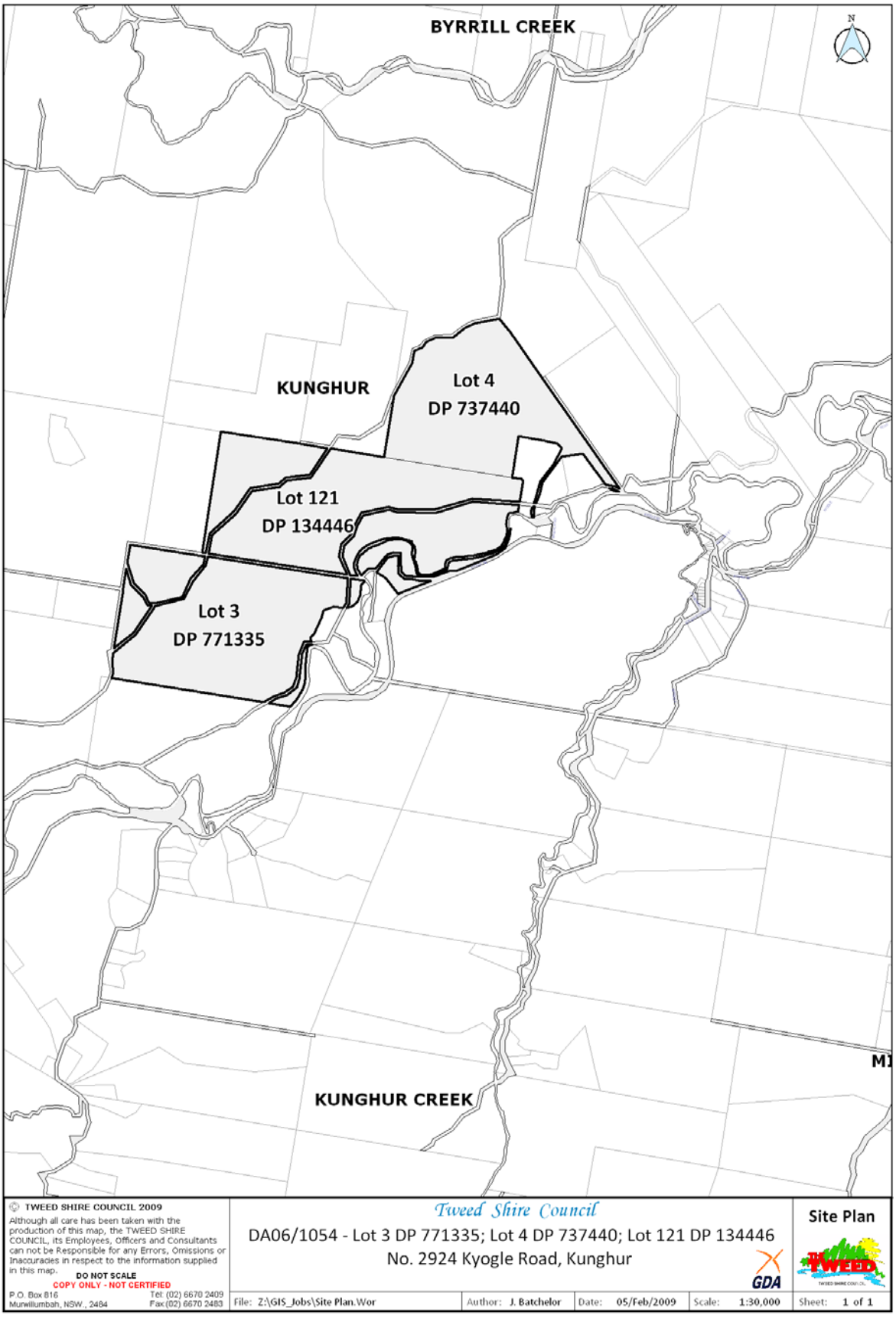
Appeal

The proponents lodged a deemed refusal appeal with the NSW Land and Environment Court on 19 October 2007. The applicants sought with agreement from Council a S.34 mediation conference with the Court. This was held on 11 December 2008. The applicants were requested to amend the application and provide additional details by the Court. This information was required to be submitted to Council by 16 January 2009. A second mediation session was to be held on 11 February 2009 however the Commissioner could not attend. A “without prejudice” meeting proceeded without the Commissioner.

Exhibition

The application was exhibited for public comment twice on 4 October to 1 November 2006 and from 24 October to 21 November 2007. 350 and 150 submissions respectively were received during the exhibition period. The vast majority of the submissions were objections to the proposal.

SITE DIAGRAM:


BYRRILL CREEK
N
KUNGHUR
Lot 4
DP 737440
Lot 121
DP 134446
Lot 3
DP 771335
KUNGHUR CREEK
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Although all care has been taken with the production of this map, the TWEED SHIRE COUNCIL, its Employees, Officers and Consultants can not be Responsible for any Errors, Omissions or Inaccuracies in respect to the information supplied in this map.
DO NOT SCALE
COPY ONLY - NOT CERTIFIED
P.O. Box 816
Murwillumbah, NSW, 2484
Tel: (02) 6670 2409
Fax (02) 6670 2483
Tweed Shire Council
DA06/1054 - Lot 3 DP 771335; Lot 4 DP 737440; Lot 121 DP 134446
No. 2924 Kyogle Road, Kunghur
GDA
Site Plan
File: Z:\GIS_Jobs\Site Plan.Wor
Author: J. Batchelor
Date: 05/Feb/2009
Scale: 1:30,000
Sheet: 1 of 1

DEVELOPMENT PLANS:

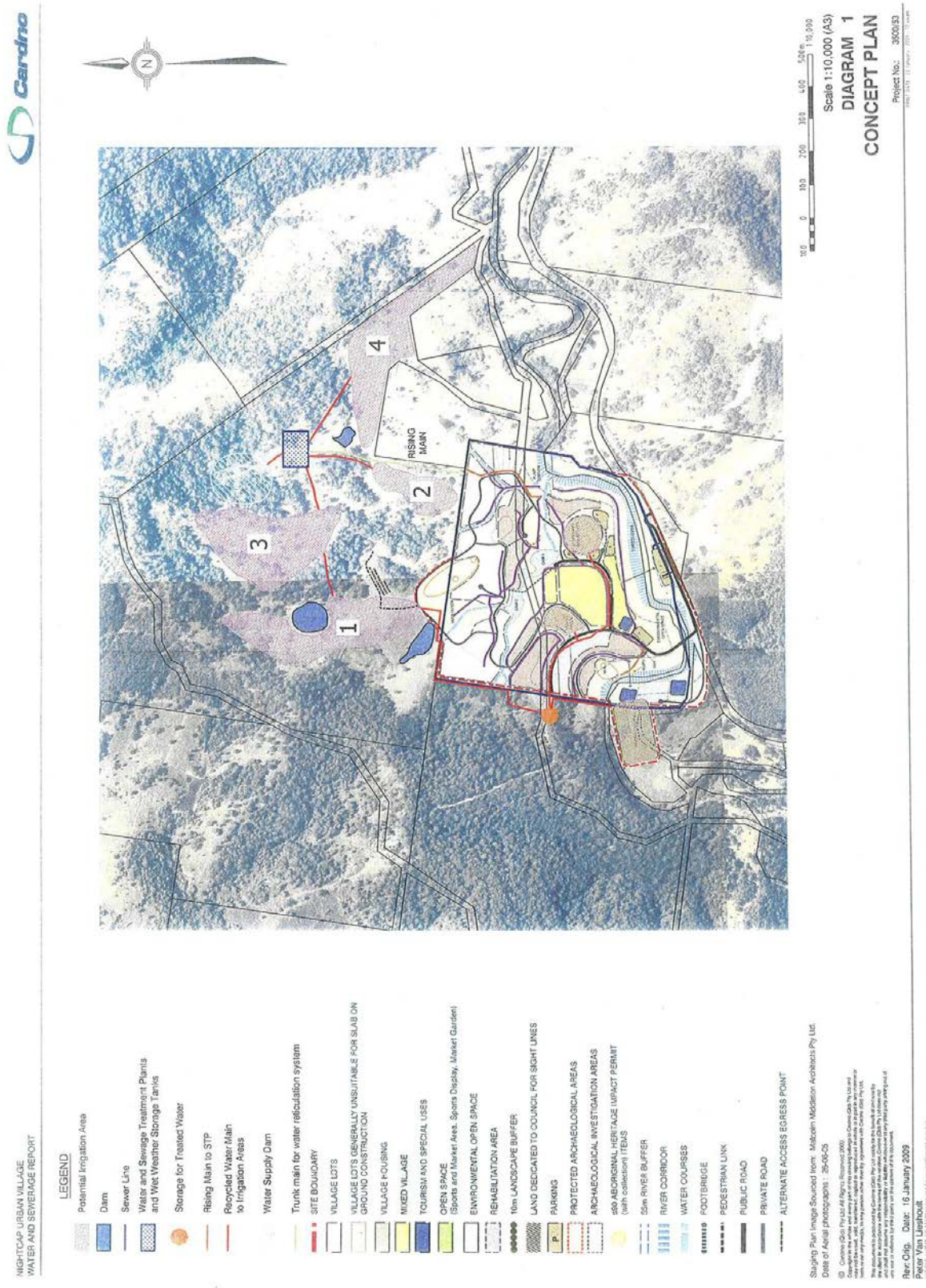
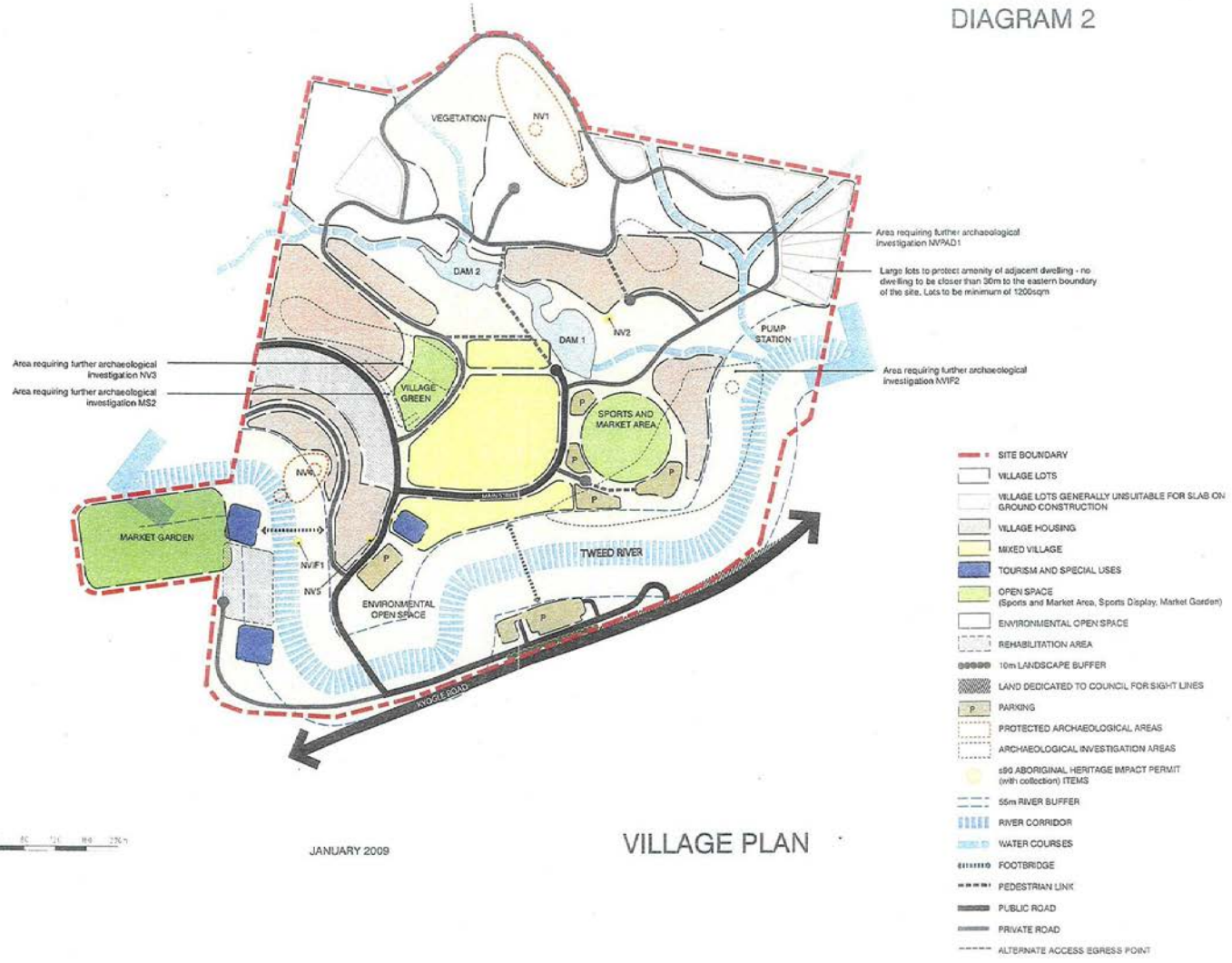
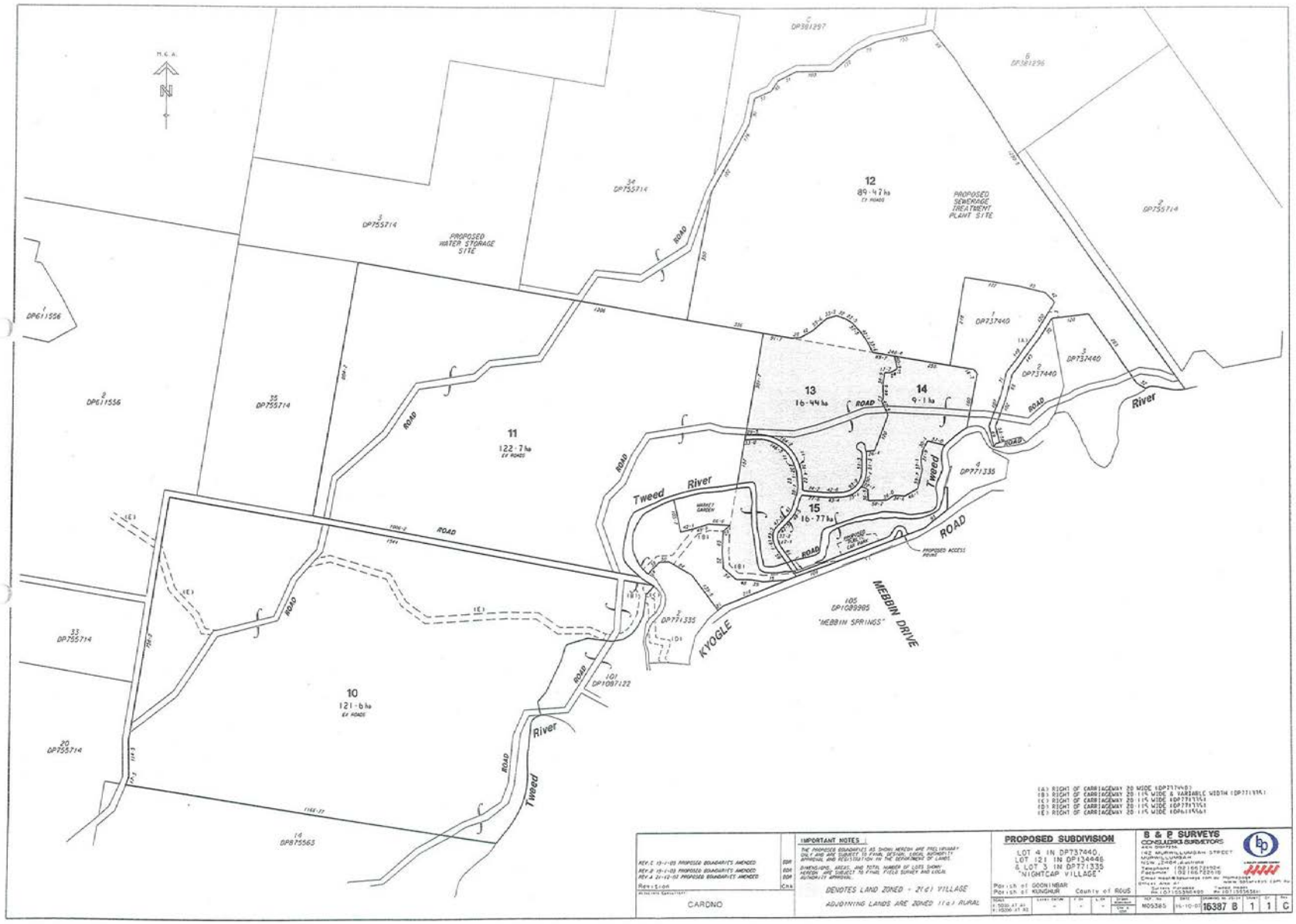


DIAGRAM 2



JANUARY 2009

VILLAGE PLAN


PROPOSED WATER STORAGE SITE
PROPOSED SEWERAGE TREATMENT PLANT SITE
ROAD
Tweed River
KYOGLE
MEBBIN DRIVE
"MEBBIN SPRINGS"
10
121·6 ha
11
122·7 ha
12
89·42 ha
13
16·44 ha
14
9·1 ha
15
16·77 ha
PROPOSED SUBDIVISION
LOT 4 IN DP737440
LOT 121 IN DP134446
& LOT 3 IN DP771335
"NIGHTCAP VILLAGE"
Parish of GOONENBAR
Parish of KUNGHUR
County of ROUS
B & P SURVEYS
CONSULTING SURVEYORS
IMPORTANT NOTES
DENOTES LAND ZONED - 2(d) VILLAGE
ADJOINING LANDS ARE ZONED 1(a) RURAL
CARDNO
16387 B

PROPERTY BOUNDARY
LIMIT OF CONSTRUCTION STAGE 1
ROAD 2
ROAD 3
ROAD 8
ROAD 7
ROAD 4
ROAD 5
ROAD 6
MARKET GARDEN
PROPOSED BRIDGE CROSSING TO TWEED RIVER
CARPARK
PROPOSED INTERSECTION WITH KYOGLE ROAD
KYOGLE ROAD
N
RESIDENTIAL LOT
EARTHWORKS BATTER MAX 1IN 2
TYPICAL DRIVEWAY TO BE LOCATED ON HIGHER SIDE OF PROPERTY BOUNDARY DRIVEWAY @ 1 IN 4 MAX
ROAD RESERVE BOUNDARY
ROAD BUILDING BOUNDARY
TYPICAL ALLOTMENT ACCESS DETAIL
WITH + 1IN 4 SLOPE FROM ROADWAY
SCALE 1:500
LEGEND
PROPERTY BOUNDARY
ARCHAEOLOGICAL PROTECTION AREAS
ARCHAEOLOGICAL INVESTIGATION AREAS
STAGE 1 ROAD CENTRELINE
EXISTING WATER COURSE
EARTHWORK BATTERS
P PARKING ZONE
OS OPEN SPACE & ENVIRONMENTAL OPEN SPACE
SU SPECIAL USE
RA REHABILITATION AREA
MVIL MIXED VILLAGE
VIL H VILLAGE HOUSING
EXISTING CONTOURS
STAGE 1 ROADWORKS
20 0 20 40 60 80 100m
SCALE BEFORE REDUCTION
1:2000
A1
DATUM: A.H.D.
Cardno
Cardno (Qld) Pty Ltd
PETER VAN LIESHOUT
NIGHTCAP DEVELOPMENT, KYOGLE RD
ROADWORKS
STAGE 1 LAYOUT PLAN
SKETCH 101

CONSIDERATIONS UNDER SECTION 79C OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT 1979:

(a) (i) The provisions of any environmental planning instrument

The subject land is zoned 2(d) Village and 1(a) Rural under the provisions of the Tweed Local Environmental Plan 2000. The concept plan components are permissible with consent in both zones and the stage 1 proposal is permissible with consent in the 2(d) Village zone. A small part of the Stage 1 access road is located in the 1(a) zone. Roads are permissible in the 1(a) zone. The land zoned 1(a) Rural contains environmental open space, roads, the market garden and sewerage and water infrastructure. These uses are permissible in the 1(a) Rural zone.

Tweed Local Environmental Plan 2000

Clause 4 - Aims of the Plan

The relevant component of this clause relates to the vision in the Tweed Shire 2000+ Strategic Plan which is-

The management of growth so that the unique natural and developed character of the Tweed Shire is retained, and its economic vitality, ecological integrity and cultural fabric is enhanced.

The proposal is consistent with this clause as existing urban zoned land is being used for development combined with environmental protection and management.

Clause 5 - Ecologically Sustainable Development

The objective of the LEP is to promote development that is consistent with the four principles of ecological sustainable development. The four principles in the LEP are -

(a) the precautionary principle—namely, that if there are threats of serious or irreversible environmental damage, lack of full scientific certainty should not be used as a reason for postponing measures to prevent environmental degradation.

In the application of the precautionary principle, public and private decisions should be guided by:

(i) careful evaluation to avoid, wherever practicable, serious or irreversible damage to the environment, and

(ii) an assessment of the risk-weighted consequences of various options, and